

REPLACEABLE ELECTRICAL PARTS

PARTS ORDERING INFORMATION

Replacement parts are available from or through your local Tektronix, Inc. Field Office or representative.

Changes to Tektronix instruments are sometimes made to accommodate improved components as they become available, and to give you the benefit of the latest circuit improvements developed in our engineering department. It is therefore important, when ordering parts, to include the following information in your order: Part number, instrument type or number, serial number, and modification number if applicable.

If a part you have ordered has been replaced with a new or improved part, your local Tektronix, Inc. Field Office or representative will contact you concerning any change in part number.

Change information, if any, is located at the rear of this manual.

SPECIAL NOTES AND SYMBOLS

X000 Part first added at this serial number
00X Part removed after this serial number

ITEM NAME

In the Parts List, an Item Name is separated from the description by a colon (:). Because of space limitations, an Item Name may sometimes appear as incomplete. For further Item Name identification, the U.S. Federal Cataloging Handbook H6-1 can be utilized where possible.

ABBREVIATIONS

ACTR	ACTUATOR	PLSTC	PLASTIC
ASSY	ASSEMBLY	QTZ	QUARTZ
CAP	CAPACITOR	RECP	RECEPTACLE
CER	CERAMIC	RES	RESISTOR
CKT	CIRCUIT	RF	RADIO FREQUENCY
COMP	COMPOSITION	SEL	SELECTED
CONN	CONNECTOR	SEMICOND	SEMICONDUCTOR
ELCTLT	ELECTROLYTIC	SENS	SENSITIVE
ELEC	ELECTRICAL	VAR	VARIABLE
INCAND	INCANDESCENT	WW	WIREWOUND
LED	LIGHT EMITTING DIODE	XFMR	TRANSFORMER
NONWIR	NON WIREWOUND	XTAL	CRYSTAL

CROSS INDEX MFR. CODE NUMBER TO MANUFACTURER

MFR.CODE	MANUFACTURER	ADDRESS	CITY,STATE,ZIP
00779	AMP, INC.	P. O. BOX 3608	HARRISBURG, PA 17105
00853	SANGAMO ELECTRIC CO., S. CAROLINA DIV.	P. O. BOX 128	PICKENS, SC 29671
01121	ALLEN-BRADLEY CO.	1201 2ND ST. SOUTH	MILWAUKEE, WI 53204
01295	TEXAS INSTRUMENTS, INC., SEMICONDUCTOR GROUP	P. O. BOX 5012	DALLAS, TX 75222
01963	CHERRY ELECTRICAL PRODUCTS CORP.	3600 SUNSET AVE.	WAUKEGAN, IL 60085
02735	RCA CORP., SOLID STATE DIVISION	ROUTE 202	SOMERVILLE, NY 08876
03888	KDI PYROFILM CORP.	60 S. JEFFERSON RD.	WHIPPANY, NJ 07981
04222	AVX CERAMICS., DIVISION OF AVX CORP.	P.O. BOX 867, 19TH AVE. SOUTH	MURTLE BEACH, SC 29577
04713	MOTOROLA, INC., SEMICONDUCTOR PRODUCTS DIV.	5005 E. MCDOWELL RD.	PHOENIX, AZ 85036
05347	ULTRONIX, INC.	461 N 22ND ST.	GRAND JUNCTION, CO 81501
05397	UNION CARBIDE CORP., MATERIALS SYSTEMS DIVISION	11901 MADISON AVE.	CLEVELAND, OH 44101
07263	FAIRCHILD SEMICONDUCTOR, A DIV. OF FAIRCHILD CAMERA AND INSTRUMENT CORP.	464 ELLIS ST.	MOUNTAIN VIEW, CA 94042
07910	TELEDYNE SEMICONDUCTOR	12515 CHADRON AVE.	HAWTHORNE, CA 90250
08806	GENERAL ELECTRIC CO., MINIATURE LAMP PRODUCTS DEPT.	NELA PK.	CLEVELAND, OH 44112
12040	NATIONAL SEMICONDUCTOR CORP.	P.O. BOX 443, COMMERCE DRIVE	DANBURY, CT 06810
12697	CLAROSTAT MFG. CO., INC.	LOWER WASHINGTON ST.	DOVER, NH 03820
12969	UNITRODE CORP.	580 PLEASANT ST.	WATERTOWN, MA 02172
14099	SEMTECH CORP.	652 MITCHELL ROAD	NEWBURY PARK, CA 91320
14752	ELECTRO CUBE INC.	1710 S. DEL MAR AVE.	SAN GABRIEL, CA 91776
15818	TELEDYNE SEMICONDUCTOR	1300 TERRA BELLA AVE.	MOUNTAIN VIEW, CA 94043
16758	DELCO ELECTRONICS, DIV. OF GENERAL MOTORS CORP.	700 E. FIRMIN ST.	KOKOMO, IN 46901
18324	SIGNETICS CORP.	811 E. ARQUES	SUNNYVALE, CA 94086
18657	TOKYO SHIBAURA ELECTRIC CO., LTD.		TOKYO, JAPAN
21845	SOLITRON DEVICES, INC., TRANSISTOR DIV.	1177 BLUE HERON BLVD.	RIVIERA BEACH, FL 33404
22753	U. I. D. ELECTRONICS CORP.	4105 PEMBROKE RD.	HOLLYWOOD, FL 33021
27014	NATIONAL SEMICONDUCTOR CORP.	2900 SAN YSIDRO WAY	SANTA CLARA, CA 95051
28480	HEWLETT-PACKARD CO., CORPORATE HQ.	1501 PAGE MILL RD.	PALO ALTO, CA 94304
32159	WEST-CAP ARIZONA	2201 E. ELVIRA ROAD	TUCSON, AZ 85706
32293	INTERSIL, INC.	10900 N. TANTAU AVE.	CUPERTINO, CA 95014
32997	BOURNS, INC., TRIMPOT PRODUCTS DIV.	1200 COLUMBIA AVE.	RIVERSIDE, CA 92507
56289	SPRAGUE ELECTRIC CO.		NORTH ADAMS, MA 01247
71400	BUSSMAN MFG., DIVISION OF MCGRAW- EDISON CO.	2536 W. UNIVERSITY ST.	ST. LOUIS, MO 63107
71450	CTS CORP.	1142 W. BEARDSLEY AVE.	ELKHART, IN 46514
72982	ERIE TECHNOLOGICAL PRODUCTS, INC.	644 W. 12TH ST.	ERIE, PA 16512
73138	BECKMAN INSTRUMENTS, INC., HELIPOT DIV.	2500 HARBOR BLVD.	FULLERTON, CA 92634
75042	TRW ELECTRONIC COMPONENTS, IRC FIXED RESISTORS, PHILADELPHIA DIVISION	401 N. BROAD ST.	PHILADELPHIA, PA 19108
76493	BELL INDUSTRIES, INC., MILLER, J. W., DIV.	P O BOX 5825, 19070 REYES AVE.	COMPTON, CA 90224
80009	TEKTRONIX, INC.	P. O. BOX 500	BEAVERTON, OR 97005
80740	BECKMAN INSTRUMENTS, INC.	2500 HARBOR BLVD.	FULLERTON, CA 92634
81483	INTERNATIONAL RECTIFIER CORP.	9220 SUNSET BLVD.	LOS ANGELES, CA 90069
83003	VARO, INC.	P O BOX 411, 2203 WALNUT ST.	GARLAND, TX 75040
84411	TRW ELECTRONIC COMPONENTS, TRW CAPACITORS	112 W. FIRST ST.	OGALLALA, NB 69153
86684	RCA CORP., ELECTRONIC COMPONENTS	415 S. 5TH ST.	HARRISON, NJ 07029
90201	MALLORY CAPACITOR CO., DIV. OF P. R. MALLORY CO., INC.	3029 E. WASHINGTON ST.	INDIANAPOLIS, IN 46206
91418	RADIO MATERIALS CO., DIVISION OF P.R. MALLORY AND CO., INC.	4242 W BRYN MAWR	CHICAGO, IL 60646
91637	DALE ELECTRONICS, INC.	P. O. BOX 609	COLUMBUS, NB 68601

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr Code	Mfr Part Number
		Eff	Dscont			
CHASSIS						
CR540	150-1001-00			LAMP, LED: RED, 2V, 100MA	28480	5082-4403
CR542	150-1001-00			LAMP, LED: RED, 2V, 100MA	28480	5082-4403
CR544	150-1001-00			LAMP, LED: RED, 2V, 100MA	28480	5082-4403
R103	311-0608-00	B010100	B010199	RES., VAR, NONWIR: 2K OHM, 10%, 0.75W	01121	W8156
R103	311-0632-00	B010200		RES., VAR, NONWIR: 2K OHM, 10%, 0.50W	01121	W7366
R530	311-1095-00	B010100	B055352	RES., VAR, NONWIR: 10K OHM, 20%, 0.50W	12697	382-CM40386
R530	311-1844-00	B055353		RES., VAR, NONWIR: 10K OHM, 20%, 0.50W	01121	W8350
R532	311-1095-00	B010100	B055352	RES., VAR, NONWIR: 10K OHM, 20%, 0.50W	12697	382-CM40386
R532	311-1844-00	B055353		RES., VAR, NONWIR: 10K OHM, 20%, 0.50W	01121	W8350
S535	260-1334-00			SWITCH, ROCKER: SPDT, 0.5A, 125VAC	22753	RSW-412
S536	260-1334-00			SWITCH, ROCKER: SPDT, 0.5A, 125VAC	22753	RSW-412
S537	260-1334-00			SWITCH, ROCKER: SPDT, 0.5A, 125VAC	22753	RSW-412
S538	260-1274-00			SWITCH, ROCKER: SPDT, 0.5A, 125VAC	22753	RSW-412-SR
V1	154-0662-10	B010100	B059999	ELECTRON TUBE: CRT	80009	154-0662-10
V1	154-0740-00	B060000		ELECTRON TUBE: CRT	80009	154-0740-00
PEDESTAL CHASSIS						
C501	283-0022-00	XB020000	B059999X	CAP., FXD, CER DI: 0.02UF, 1400VDCAC	91418	AU203P1421R0
C502	283-0022-00	XB020000	B059999X	CAP., FXD, CER DI: 0.02UF, 1400VDCAC	91418	AU203P1421R0
CR502	152-0274-00			SEMICOND DEVICE: SILICON, 100V, 10A	80009	152-0274-00
CR503	152-0274-00			SEMICOND DEVICE: SILICON, 100V, 10A	80009	152-0274-00
F501 ¹	159-0023-00	B010100	B059999	FUSE, CARTRIDGE: 3AG, 2A, 250V, SLOW-BLOW	71400	MDX 2
F501 ¹	159-0005-00	B060000		FUSE, CARTRIDGE: 3AG, 3A, 125V, 30 SEC, CER	71400	MDA 3
F501 ²	159-0041-00			FUSE, CARTRIDGE: 3AG, 1.25A, 250V, SLOW BLOW	71400	MDX 1 25/100
Q510	151-0337-00			TRANSISTOR: SILICON, NPN	21845	93SX287
Q515	151-0337-00	B010100	B059999	TRANSISTOR: SILICON, NPN	21845	93SX287
Q515	151-0470-00	B060000		TRANSISTOR: SILICON, NPN	80009	151-0470-00
Q520	151-0337-00			TRANSISTOR: SILICON, NPN	21845	93SX287
R501	302-0104-00	XB020000	B059999X	RES., FXD, CMPSN: 100K OHM, 10%, 0.50W	01121	EB1041
S501	260-1179-01			SWITCH, ROCKER: DPST, 10A, 250VAC	80009	260-1179-01
T501	120-0768-00	B010100	B019999	XFMR, PWR: LV	80009	120-0768-00
T501	120-0768-01	B020000	B059999	XFMR, PWR: LV	80009	120-0768-00
T501	120-1038-00	B060000		XFMR, PWR: LV	80009	120-1038-00
A1 ASSEMBLY TC-1						
A1	670-1728-00	B010100	B010479	CKT CARD ASSY: TC-1	80009	670-1728-00
A1	670-1728-01	B010480		CKT CARD ASSY: TC-1	80009	670-1728-01
A1	670-1728-02			CKT CARD ASSY: TC-1	80009	670-1728-02

¹For 115V operation only.

²For 230V operation only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr Code	Mfr Part Number
		Eff	Dscont			
A1 ¹	670-1728-03			CKT CARD ASSY:TC-1	80009	670-1728-03
C3	283-0602-00			CAP.,FXD,MICA D:53PF,5%,300V	00853	D153E530J0
C6	283-0602-00			CAP.,FXD,MICA D:53PF,5%,300V	00853	D153E530J0
C8	281-0546-00			CAP.,FXD,CER DI:330PF,10%,500V	04222	7001-1380
C12	283-0068-00			CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C17	290-0530-00			CAP.,FXD,ELCTLT:68UF,20%,6V	90201	TDC686M006NLF
C20	281-0546-00			CAP.,FXD,CER DI:330PF,10%,500V	04222	7001-1380
C21 ²	290-0536-00			CAP.,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL
C23	290-0530-00			CAP.,FXD,ELCTLT:68UF,20%,6V	90201	TDC686M006NLF
C29	281-0504-00			CAP.,FXD,CER DI:10PF,+/-1PF,500V	72982	301-055COG0100F
C74	290-0512-00	B010100	B010479	CAP.,FXD,ELCTLT:22UF,20%,15V	56289	196D226X0015KA1
C74	290-0529-00	B010480		CAP.,FXD,ELCTLT:47UF,20%,20V	05397	T368C476M020AZ
C90	283-0068-00			CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C91	283-0068-00			CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C92	283-0068-00			CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C93	283-0068-00			CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
CR9 ³	152-0075-00			SEMICONV DEVICE:GE,25V,40MA	80009	152-0075-00
CR10	152-0185-00	B010100	B019999	SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR10	152-0141-02	B020000		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR11	152-0185-00	B010100	B019999	SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR11	152-0141-02	B020000		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR64	152-0185-00	B010100	B019999	SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR64	152-0141-02	B020000		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR65	152-0185-00	B010100	B019999	SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR65	152-0141-02	B020000		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR66	152-0185-00	B010100	B019999	SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR66	152-0141-02	B020000		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR80	152-0185-00	B010100	B019999	SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR80	152-0141-02	B020000		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR81	152-0185-00	B010100	B019999	SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR81	152-0141-02	B020000		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR82	152-0185-00	B010100	B019999	SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR82	152-0141-02	B020000		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
VR19 ⁴	152-0278-00			SEMICONV DEVICE:ZENER,0.4W,3V,5%	07910	1N4372A
VR73	152-0280-00	B010100	B010479	SEMICONV DEVICE:ZENER,0.4W,6.2V,5%	04713	1N753A
VR73	152-0309-00	B010480		SEMICONV DEVICE:ZENER,1W,6.2V,5%	04713	1N3828A
VR74	152-0278-00	XB010480		SEMICONV DEVICE:ZENER,0.4W,3V,5%	07910	1N4372A
Q19	151-0302-00			TRANSISTOR:SILICON,NPN	04713	2N2222A
Q21 ²	151-0302-00			TRANSISTOR:SILICON,NPN	04713	2N2222A
Q65	151-0302-00			TRANSISTOR:SILICON,NPN	04713	2N2222A
Q89	151-0192-00			TRANSISTOR:SILICON,NPN,SEL FROM MPS6521	80009	151-0192-00
R3	321-0147-00			RES.,FXD,FILM:332 OHM,1%,0.125W	91637	MFF1816G332ROF
R4	315-0681-00			RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
R5	315-0101-00			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R6	321-0147-00			RES.,FXD,FILM:332 OHM,1%,0.125W	91637	MFF1816G332ROF
R7	315-0681-00			RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
R12	315-0150-00			RES.,FXD,CMPSN:15 OHM,5%,0.25W	01121	CB1505
R17	315-0223-00			RES.,FXD,CMPSN:22K OHM,5%,0.25W	01121	CB2235
R19	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R20	315-0391-00			RES.,FXD,CMPSN:390 OHM,5%,0.25W	01121	CB3915
R21	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035

¹Replaced by new 670-1728-05.

²-02 and up only.

³-03 only.

⁴-00 and -01 only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
R22 ¹	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R23	315-0335-00		RES.,FXD,CMPSN:3.3M OHM,5%,0.25W	01121	CB3355
R24	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R25	315-0273-00		RES.,FXD,CMPSN:27K OHM,5%,0.25W	01121	CB2735
R28	311-1285-00		RES.,VAR,NONWIR:25K OHM,+/-10%,0.5W	32997	3319W-L58-253
R29	315-0202-00		RES.,FXD,CMPSN:2K OHM,5%,0.25W	01121	CB2025
R31	315-0301-00		RES.,FXD,CMPSN:300 OHM,5%,0.25W	01121	CB3015
R35	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R37	315-0472-00	XB010131	RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R38	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R40	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R43	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R50	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R51	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R52	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R53	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R54	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R55	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R60	315-0272-00		RES.,FXD,CMPSN:2.7K OHM,5%,0.25W	01121	CB2725
R61	315-0272-00		RES.,FXD,CMPSN:2.7K OHM,5%,0.25W	01121	CB2725
R62	315-0272-00		RES.,FXD,CMPSN:2.7K OHM,5%,0.25W	01121	CB2725
R64	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R65	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R66	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R67	321-0222-00		RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
R68	321-0251-00		RES.,FXD,FILM:4.02K OHM,1%,0.125W	91637	MFF1816G40200F
R69	321-0280-00		RES.,FXD,FILM:8.06K OHM,1%,0.125W	91637	MFF1816G80600F
R71	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R73	301-0820-00	B010100 B010479X	RES.,FXD,CMPSN:82 OHM,5%,0.50W	01121	EB8205
R80	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R81	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R82	315-0472-00		RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R83	321-0251-00		RES.,FXD,FILM:4.02K OHM,1%,0.125W	91637	MFF1816G40200F
R84	321-0280-00		RES.,FXD,FILM:8.06K OHM,1%,0.125W	91637	MFF1816G80600F
R85	321-0222-00		RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
U1	156-0174-00		MICROCIRCUIT,DI:DUAL J-K MS,FLIP-FLOP	01295	SN74111N
U3	156-0058-00		MICROCIRCUIT,DI:HEX. INVERTER	01295	SN7404N
U5	156-0140-00		MICROCIRCUIT,DI:HEX. BFR,15V,TTL	01295	SN7417N
U7	156-0047-00		MICROCIRCUIT,DI:TPL 3-INPUT POS NAND GATE	80009	156-0047-00
U8	156-0030-00		MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
U9	156-0150-00		MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7437N
U11	156-0032-00		MICROCIRCUIT,DI:4-BIT BINARY COUNTER	01295	SN7493AN
U13	156-0058-00		MICROCIRCUIT,DI:HEX. INVERTER	01295	SN7404N
U15	156-0042-00		MICROCIRCUIT,DI:J-K M/S FLIP-FLOP	01295	SN7476N
U17	156-0030-00		MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
U19	156-0042-00		MICROCIRCUIT,DI:J-K M/S FLIP-FLOP	01295	SN7476N
U21	156-0035-00		MICROCIRCUIT,DI:SGL 8-INPUT POS NAND GATE	80009	156-0035-00
U22	156-0047-00		MICROCIRCUIT,DI:TPL 3-INPUT POS NAND GATE	80009	156-0047-00
U23	156-0057-00		MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	07263	7401PC
U24	156-0040-00		MICROCIRCUIT,DI:QUAD LATCH,TTL	80009	156-0040-00
U25	156-0144-00		MICROCIRCUIT,DI:3-INPUT POS NAND GATE	01295	SN7412N
U27	156-0150-00		MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7437N
U29	156-0039-00		MICROCIRCUIT,DI:DUAL J-K FLIP FLOP	01295	SN7473N

¹-02 and up only.

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Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr Code	Mfr Part Number
		Eff	Dscont			
U31	156-0142-00			MICROCIRCUIT,DI:50 MHZ PRESETTABLE BIN CNTR	80009	156-0142-00
U33	156-0142-00			MICROCIRCUIT,DI:50 MHZ PRESETTABLE BIN CNTR	80009	156-0142-00
U35	156-0142-00			MICROCIRCUIT,DI:50 MHZ PRESETTABLE BIN CNTR	80009	156-0142-00
U37	156-0142-00			MICROCIRCUIT,DI:50 MHZ PRESETTABLE BIN CNTR	80009	156-0142-00
U39	156-0072-00			MICROCIRCUIT,DI:MONOSTABLE MV,TTL	27014	DM74121N
U61	156-0078-00			MICROCIRCUIT,DI:4 TO 16 LINE DECODER	01295	SN74154N
U63	156-0078-00			MICROCIRCUIT,DI:4 TO 16 LINE DECODER	01295	SN74154N
U64	156-0111-00			MICROCIRCUIT,DI:SNGL BCD-TO-DEC DEC/DRIVER	01295	SN74145N
U65	156-0043-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NOR GATE	80009	156-0043-00
U67	156-0057-00			MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	07263	7401PC
U69	156-0143-00			MICROCIRCUIT,DI:RETRIGGERABLE MONOST/MV	01295	SN74122N
U71	156-0034-00			MICROCIRCUIT,DI:DUAL 4-INPUT NAND GATE	80009	156-0034-00
U73	156-0047-00			MICROCIRCUIT,DI:TPL 3-INPUT POS NAND GATE	80009	156-0047-00
U74	156-0041-00			MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	27014	DM7474N
U75	156-0039-00			MICROCIRCUIT,DI:DUAL J-K FLIP FLOP	01295	SN7473N
U77	156-0032-00			MICROCIRCUIT,DI:4-BIT BINARY COUNTER	01295	SN7493AN
U79	156-0043-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NOR GATE	80009	156-0043-00
U81	156-0043-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NOR GATE	80009	156-0043-00
U83	156-0129-00			MICROCIRCUIT,DI:QUAD 2-INPUT GATE	01295	SN7408N
U85	156-0035-00			MICROCIRCUIT,DI:SGL 8-INPUT POS NAND GATE	80009	156-0035-00
U87	156-0040-00			MICROCIRCUIT,DI:QUAD LATCH,TTL	80009	156-0040-00
U88	156-0040-00			MICROCIRCUIT,DI:QUAD LATCH,TTL	80009	156-0040-00
U89	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
U91	156-0145-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7438N
U93	156-0147-00			MICROCIRCUIT,DI:ROM 64 X 5 X 7 CHAR GEN	18324	N2513/CM2140N
U97	156-0075-00			MICROCIRCUIT,DI:SNGL 8-BIT DATA SEL MUX	80009	156-0075-00
U99	156-0079-00			MICROCIRCUIT,DI:DECADE COUNTER,TTL	07263	9390PC
Y4	158-0072-00			XTAL UNIT,QTZ:4.9152 MHZ,0.05%	80009	158-0072-00
A1 ASSEMBLY TC-1						
A1	670-1728-05			CKT BOARD ASSY:TC-1	80009	670-1728-05
C7	290-0535-00			CAP.,FXD,ELCTLT:33UF,20%,10V	56289	196D336X0010KAL
C24	290-0536-00			CAP.,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL
C47	283-0068-00			CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C60	281-0549-00			CAP.,FXD,CER DI:68PF,10%,500V	72982	301-000U2J0680K
C61	283-0000-00			CAP.,FXD,CER DI:0.001UF,+100-0%,500V	72982	831-516E102P
C62	281-0549-00			CAP.,FXD,CER DI:68PF,10%,500V	72982	301-000U2J0680K
C87	290-0530-00			CAP.,FXD,ELCTLT:68UF,20%,6V	90201	TDC686M006NLF
C89	283-0068-00			CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C97	281-0504-00			CAP.,FXD,CER DI:10PF,+/-1PF,500V	72982	301-055C0G0100F
C102	290-0536-00			CAP.,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL
C122	283-0068-00			CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C165	283-0068-00			CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C202	283-0068-00			CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C225	281-0546-00			CAP.,FXD,CER DI:330PF,10%,500V	04222	7001-1380
C227	283-0068-00			CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C247	283-0068-00			CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix		Serial/Model No.		Name & Description	Mfr Code	Mfr Part Number
	Part No.	Eff	Dscont				
C278	283-0068-00				CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C298	283-0068-00				CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C365	283-0068-00				CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C396	290-0529-00				CAP.,FXD,ELCTLT:47UF,20%,20V	05397	T368C476M020AZ
C402	283-0068-00				CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C438	283-0068-00				CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C445	283-0068-00				CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C451	283-0068-00				CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C461	290-0530-00				CAP.,FXD,ELCTLT:68UF,20%,6V	90201	TDC686M006NLF
C467	283-0000-00				CAP.,FXD,CER DI:0.001UF,+100-0%,500V	72982	831-516E102P
C478	283-0068-00				CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C497	283-0068-00				CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
CR9	152-0141-02				SEMICOND DEVICE:SILICON,30V,150MA	07910	1N4152
CR102	152-0141-02				SEMICOND DEVICE:SILICON,30V,150MA	07910	1N4152
CR181	152-0141-02				SEMICOND DEVICE:SILICON,30V,150MA	07910	1N4152
CR184	152-0141-02				SEMICOND DEVICE:SILICON,30V,150MA	07910	1N4152
CR187	152-0141-02				SEMICOND DEVICE:SILICON,30V,150MA	07910	1N4152
CR190	152-0141-02				SEMICOND DEVICE:SILICON,30V,150MA	07910	1N4152
CR193	152-0141-02				SEMICOND DEVICE:SILICON,30V,150MA	07910	1N4152
CR196	152-0141-02				SEMICOND DEVICE:SILICON,30V,150MA	07910	1N4152
CR476	152-0141-02				SEMICOND DEVICE:SILICON,30V,150MA	07910	1N4152
L58	108-0317-00				COIL,RF:15UH	32159	71501M
L65	108-0317-00				COIL,RF:15UH	32159	71501M
Q23	151-0302-00				TRANSISTOR:SILICON,NPN	04713	2N2222A
Q25	151-0302-00				TRANSISTOR:SILICON,NPN	04713	2N2222A
Q85	151-0192-00				TRANSISTOR:SILICON,NPN,SEL FROM MPS6521	80009	151-0192-00
Q226	151-0302-00				TRANSISTOR:SILICON,NPN	04713	2N2222A
R1	315-0472-00				RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R2	315-0472-00				RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R3	315-0123-00				RES.,FXD,CMPSN:1.2K OHM,5%,0.25W	01121	CB1235
R4	315-0393-00				RES.,FXD,CMPSN:39K OHM,5%,0.25W	01121	CB3935
R16	315-0472-00				RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R22	315-0103-00				RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R34	315-0472-00				RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R41	315-0103-00				RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R83	315-0472-00				RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R84	315-0335-00				RES.,FXD,CMPSN:3.3M OHM,5%,0.25W	01121	CB3355
R85	315-0273-00				RES.,FXD,CMPSN:27K OHM,5%,0.25W	01121	CB2735
R88	311-1285-00				RES.,VAR,NONWIR:25K OHM,+/-10%,0.5W	32997	3319W-L58-253
R98	315-0202-00				RES.,FXD,CMPSN:2K OHM,5%,0.25W	01121	CB2025
R116	315-0182-00				RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R141	315-0102-00				RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R179	321-0280-00				RES.,FXD,FILM:8.06K OHM,1%,0.125W	91637	MFF1816G80600F
R180	315-0472-00				RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R182	321-0251-00				RES.,FXD,FILM:4.02K OHM,1%,0.125W	91637	MFF1816G40200F
R183	315-0472-00				RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R185	321-0222-00				RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
R186	315-0472-00				RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R188	321-0222-00				RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
R189	315-0472-00				RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R191	321-0280-00				RES.,FXD,FILM:8.06K OHM,1%,0.125W	91637	MFF1816G80600F
R192	315-0472-00				RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725

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Ckt No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
R194	321-0251-00			RES.,FXD,FILM:4.02K OHM,1%,0.125W	91637	MFF1816G40200F
R195	315-0472-00			RES.,FXD,CMPNS:4.7K OHM,5%,0.25W	01121	CB4725
R223	315-0471-00			RES.,FXD,CMPNS:470 OHM,5%,0.25W	01121	CB4715
R224	315-0391-00			RES.,FXD,CMPNS:390 OHM,5%,0.25W	01121	CB3915
R302	315-0472-00			RES.,FXD,CMPNS:4.7K OHM,5%,0.25W	01121	CB4725
R425	315-0150-00			RES.,FXD,CMPNS:15 OHM,5%,0.25W	01121	CB1505
R428	315-0301-00			RES.,FXD,CMPNS:300 OHM,5%,0.25W	01121	CB3015
R429	315-0182-00			RES.,FXD,CMPNS:1.8K OHM,5%,0.25W	01121	CB1825
R462	315-0223-00			RES.,FXD,CMPNS:22K OHM,5%,0.25W	01121	CB2235
U11	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
U21	156-0174-00			MICROCIRCUIT,DI:DUAL J-K MS,FLIP-FLOP	01295	SN74111N
U34	156-0536-00			MICROCIRCUIT,DI:PRESETTABLE DECADE/BIN CNTR	01295	SN74177N
U41	156-0536-00			MICROCIRCUIT,DI:PRESETTABLE DECADE/BIN CNTR	01295	SN74177N
U45	156-0536-00			MICROCIRCUIT,DI:PRESETTABLE DECADE/BIN CNTR	01295	SN74177N
U51	156-0536-00			MICROCIRCUIT,DI:PRESETTABLE DECADE/BIN CNTR	01295	SN74177N
U71	156-0041-00			MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	27014	DM7474N
U75	156-0039-00			MICROCIRCUIT,DI:DUAL J-K FLIP FLOP	01295	SN7473N
U81	156-0143-00			MICROCIRCUIT,DI:RETRIGGERABLE MONOST/MV	01295	SN74122N
U91	156-0072-00			MICROCIRCUIT,DI:MONOSTABLE MV,TTL	27014	DM74121N
U101	156-0172-00			MICROCIRCUIT,DI:DUAL RETRIG MONOSTABLE MV	80009	156-0172-00
U111	156-0035-00			MICROCIRCUIT,DI:SGL 8-INPUT POS NAND GATE	80009	156-0035-00
U121	156-0473-00			MICROCIRCUIT,DI:DUAL 5-INPUT NAND GATE TTL	27014	DM8092N
U131	156-0043-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NOR GATE	80009	156-0043-00
U135	156-0039-00			MICROCIRCUIT,DI:DUAL J-K FLIP FLOP	01295	SN7473N
U141	156-0047-00			MICROCIRCUIT,DI:TPL 3-INPUT POS NAND GATE	80009	156-0047-00
U145	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
U151	156-0042-00			MICROCIRCUIT,DI:J-K M/S FLIP-FLOP	01295	SN7476N
U161	156-0058-00			MICROCIRCUIT,DI:HEX. INVERTER	01295	SN7404N
U165	156-0042-00			MICROCIRCUIT,DI:J-K M/S FLIP-FLOP	01295	SN7476N
U171	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
U175	156-0047-00			MICROCIRCUIT,DI:TPL 3-INPUT POS NAND GATE	80009	156-0047-00
U201	156-0111-00			MICROCIRCUIT,DI:SINGL BCD-TO-DEC DEC/DRIVER	01295	SN74145N
U211	156-0035-00			MICROCIRCUIT,DI:SGL 8-INPUT POS NAND GATE	80009	156-0035-00
U221	156-0058-00			MICROCIRCUIT,DI:HEX. INVERTER	01295	SN7404N
U235	156-0129-00			MICROCIRCUIT,DI:QUAD 2-INPUT GATE	01295	SN7408N
U241	156-0043-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NOR GATE	80009	156-0043-00
U245	156-0040-00			MICROCIRCUIT,DI:QUAD LATCH,TTL	80009	156-0040-00
U251	156-0040-00			MICROCIRCUIT,DI:QUAD LATCH,TTL	80009	156-0040-00
U261	156-0150-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7437N
U265	156-0032-00			MICROCIRCUIT,DI:4-BIT BINARY COUNTER	01295	SN7493AN
U271	156-0032-00			MICROCIRCUIT,DI:4-BIT BINARY COUNTER	01295	SN7493AN
U275	156-0144-00			MICROCIRCUIT,DI:3-INPUT POS NAND GATE	01295	SN7412N
U281	156-0043-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NOR GATE	80009	156-0043-00
U285	156-0079-00			MICROCIRCUIT,DI:DECADE COUNTER,TTL	07263	9390PC
U291	156-0075-00			MICROCIRCUIT,DI:SINGL 8-BIT DATA SEL MUX	80009	156-0075-00
U331	156-0150-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7437N
U335	156-0145-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7438N
U341	156-0057-00			MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	07263	7401PC
U345	156-0040-00			MICROCIRCUIT,DI:QUAD LATCH,TTL	80009	156-0040-00
U351	156-0057-00			MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	07263	7401PC
U361	156-0047-00			MICROCIRCUIT,DI:TPL 3-INPUT POS NAND GATE	80009	156-0047-00
U365	156-0140-00			MICROCIRCUIT,DI:HEX. BFR,15V,TTL	01295	SN7417N
U371	156-0145-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7438N

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Ckt No.	Tektronix		Serial/Model No.		Name & Description	Mfr	
	Part No.	Eff	Dscont			Code	Mfr Part Number
U375	307-0422-00				RES.,FXD,FILM:15 RES. NETWORK	73138	898-1-R242J
U401	156-0078-00				MICROCIRCUIT,DI:4 TO 16 LINE DECODER	01295	SN74154N
U415	156-0078-00				MICROCIRCUIT,DI:4 TO 16 LINE DECODER	01295	SN74154N
U481	156-0147-00				MICROCIRCUIT,DI:ROM 64 X 5 X 7 CHAR GEN	18324	N2513/CM2140N
VR398	152-0309-00				SEMICONV DEVICE:ZENER,1W,6.2V,5%	04713	1N3828A
VR498	152-0278-00				SEMICONV DEVICE:ZENER,0.4W,3V,5%	07910	1N4372A
Y62	158-0072-00				XTAL UNIT,QTZ:4.9152 MHZ,0.05%	80009	158-0072-00
A2 ASSEMBLY TC-2							
A2	670-1729-00	B010100	B019999		CKT CARD ASSY:TC-2	80009	670-1729-00
A2	670-1729-01	B020000	B021369		CKT CARD ASSY:TC-2	80009	670-1729-01
A2	670-1729-02	B021370			CKT CARD ASSY:TC-2	80009	670-1729-02
C60	285-0596-00				CAP.,FXD,PLSTC:0.01UF,1%,100V	14752	410B1B103F
C61	285-0596-00				CAP.,FXD,PLSTC:0.01UF,1%,100V	14752	410B1B103F
C62	281-0525-00				CAP.,FXD,CER DI:470PF,+/-94PF,500V	04222	7001-1364
C63	290-0512-00				CAP.,FXD,ELCTLT:22UF,20%,15V	56289	196D226X0015KA1
C70	285-0596-00				CAP.,FXD,PLSTC:0.01UF,1%,100V	14752	410B1B103F
C71	285-0596-00				CAP.,FXD,PLSTC:0.01UF,1%,100V	14752	410B1B103F
C72	281-0525-00				CAP.,FXD,CER DI:470PF,+/-94PF,500V	04222	7001-1364
C77	290-0512-00				CAP.,FXD,ELCTLT:22UF,20%,15V	56289	196D226X0015KA1
C81	290-0523-00				CAP.,FXD,ELCTLT:2.2UF,20%,20V	56289	196D225X0025HA1
C82	283-0068-00				CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C86	281-0658-00				CAP.,FXD,CER DI:6.2PF,+/-0.25PF,500V	72982	301-000COH0629C
C88	283-0203-00				CAP.,FXD,CER DI:0.47UF,20%,50V	72982	8131N075 E474M
C94	283-0068-00				CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C96	283-0068-00				CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C97	283-0068-00				CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C98	283-0068-00				CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
CR5	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR5	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR6	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR6	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR7	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR7	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR8	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR8	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR9	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR9	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR15	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR15	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR16	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR16	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR17	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR17	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR18	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR18	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR19	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152

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Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr	
		Eff	Dscont		Code	Mfr Part Number
CR19	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR35	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR35	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR36	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR36	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR37	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR37	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR38	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR38	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR39	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR39	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR45	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR45	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR46	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR46	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR47	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR47	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR48	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR48	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR49	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR49	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR90	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR90	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
Q1	151-0302-00			TRANSISTOR:SILICON,NPN	04713	2N2222A
Q41	151-0302-00			TRANSISTOR:SILICON,NPN	04713	2N2222A
Q43	151-1005-00	B010100	B019999	TRANSISTOR:SILICON,JFE,N-CHANNEL	80009	151-1005-00
Q43 ¹	151-1042-00	B020000	B021559	SEMICON D VC SE:MATCHED PAIR FET	80009	151-1042-00
Q43	151-1078-00	B021560		TRANSISTOR:SILICON,JFE,N-CHANNEL	80009	151-1078-00
Q45	151-0188-00			TRANSISTOR:SILICON,PNP	01295	2N3906
Q47	151-1005-00	B010100	B019999	TRANSISTOR:SILICON,JFE,N-CHANNEL	80009	151-1005-00
Q47 ²	151-1042-00	B020000	B021559	SEMICON D VC SE:MATCHED PAIR FET	80009	151-1042-00
Q47	151-1078-00	B021560		TRANSISTOR:SILICON,JFE,N-CHANNEL	80009	151-1078-00
R3	315-0473-00			RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
R4	321-0272-00			RES.,FXD,FILM:6.65K OHM,1%,0.125W	91637	MFF1816G66500F
R5	323-0510-00			RES.,FXD,FILM:2M OHM,1%,0.50W	75042	CECTO-2004F
R6	322-0693-00			RES.,FXD,FILM:1.036M OHM,1%,0.25W	91637	MFF1421G10363F
R7	322-0694-00			RES.,FXD,FILM:517K OHM,1%,0.25W	91637	MFF1421G51702F
R8	322-0695-00			RES.,FXD,FILM:258K OHM,1%,0.25W	91637	MFF1421G25802F
R9	322-0696-00			RES.,FXD,FILM:129K OHM,1%,0.25W	91637	MFF1421G12902F
R15	322-0697-02			RES.,FXD,FILM:64.37K OHM,0.5%,0.25W	91637	MFF1421D64371D
R16	308-0697-00			RES.,FXD,WW:32.14K OHM,1%,0.125W	91637	WWP2258032141B
R17	308-0698-00			RES.,FXD,WW:16.046K OHM,0.1%,0.125W	91637	WWP225-A16046B
R18	308-0699-00			RES.,FXD,WW:8.115K OHM,0.1%,0.125W	05347	203PA-80111A
R19	308-0658-00			RES.,FXD,WW:4K OHM,0.01%,0.125W	91637	WWP225-A40000L
R21	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R23	321-0221-00			RES.,FXD,FILM:1.96K OHM,1%,0.125W	91637	MFF1816G19600F
R25	315-0222-00			RES.,FXD,CMPSN:2.2K OHM,5%,0.25W	01121	CB2225
R26	315-0101-00			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R28	321-0210-00			RES.,FXD,FILM:1.5K OHM,1%,0.125W	91637	MFF1816G15000F
R33	315-0473-00			RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
R34	321-0261-00			RES.,FXD,FILM:5.11K OHM,1%,0.125W	91637	MFF1816G51100F
R35	323-0510-00			RES.,FXD,FILM:2M OHM,1%,0.50W	75042	CECTO-2004F

¹Furnished as a matched pair with Q47.

²Furnished as a matched pair with Q43.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr Code	Mfr Part Number
		Eff	Dscont			
R36	322-0693-00			RES.,FXD,FILM:1.036M OHM,1%,0.25W	91637	MFF1421G10363F
R37	322-0694-00			RES.,FXD,FILM:517K OHM,1%,0.25W	91637	MFF1421G51702F
R38	322-0695-00			RES.,FXD,FILM:258K OHM,1%,0.25W	91637	MFF1421G25802F
R39	322-0696-00			RES.,FXD,FILM:129K OHM,1%,0.25W	91637	MFF1421G12902F
R45	322-0697-02			RES.,FXD,FILM:64.37K OHM,0.5%,0.25W	91637	MFF1421D64371D
R46	308-0697-00			RES.,FXD,WW:32.14K OHM,1%,0.125W	91637	WWP2258032141B
R47	308-0698-00			RES.,FXD,WW:16.046K OHM,0.1%,0.125W	91637	WWP225-A16046B
R48	308-0699-00			RES.,FXD,WW:8.115K OHM,0.1%,0.125W	05347	203PA-80111A
R49	308-0658-00			RES.,FXD,WW:4K OHM,0.01%,0.125W	91637	WWP225-A40000L
R51	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R53	315-0203-00	B010100	B010226	RES.,FXD,CMPSN:20K OHM,5%,0.25W	01121	CB2035
R53	321-0316-00	B010227	B019999	RES.,FXD,FILM:19.1K OHM,1%,0.125W	91637	MFF1816G19101F
R53	321-0315-00	B020000		RES.,FXD,FILM:18.7K OHM,1%,0.125W	91637	MFF1816G18701F
R54	315-0103-00	B010100	B010226	RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R54	321-0289-00	B010227		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R56	315-0473-00			RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
R58	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R60	321-0365-00			RES.,FXD,FILM:61.9K OHM,1%,0.125W	91637	MFF1816G61901F
R61	321-0365-00			RES.,FXD,FILM:61.9K OHM,1%,0.125W	91637	MFF1816G61901F
R62	321-0403-00			RES.,FXD,FILM:154K OHM,1%,0.125W	91637	MFF1816G15402F
R65	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R67	315-0473-00			RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
R70	321-0365-00			RES.,FXD,FILM:61.9K OHM,1%,0.125W	91637	MFF1816G61901F
R71	321-0365-00			RES.,FXD,FILM:61.9K OHM,1%,0.125W	91637	MFF1816G61901F
R72	321-0403-00			RES.,FXD,FILM:154K OHM,1%,0.125W	91637	MFF1816G15402F
R75	315-0203-00	B010100	B010226	RES.,FXD,CMPSN:20K OHM,5%,0.25W	01121	CB2035
R75	321-0316-00	B010227	B019999	RES.,FXD,FILM:19.1K OHM,1%,0.125W	91637	MFF1816G19101F
R75	321-0315-00	B020000		RES.,FXD,FILM:18.7K OHM,1%,0.125W	91637	MFF1816G18701F
R76	315-0103-00	B010100	B010226	RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R76	321-0289-00	B010227		RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R78	315-0473-00			RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
R80	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R85	311-1134-00			RES.,VAR,NONWIR:50K OHM,20%,0.50W	73138	72XW-51-0-503M
R86	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R90	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R91	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R92	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R93	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R96	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R98	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
U1	156-0145-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7438N
U3	156-0072-00			MICROCIRCUIT,DI:MONOSTABLE MV,TTL	27014	DM74121N
U5	156-0072-00			MICROCIRCUIT,DI:MONOSTABLE MV,TTL	27014	DM74121N
U7	156-0075-00			MICROCIRCUIT,DI:SNGL 8-BIT DATA SEL MUX	80009	156-0075-00
U9	156-0075-00			MICROCIRCUIT,DI:SNGL 8-BIT DATA SEL MUX	80009	156-0075-00
U10	156-0075-00			MICROCIRCUIT,DI:SNGL 8-BIT DATA SEL MUX	80009	156-0075-00
U11	156-0075-00			MICROCIRCUIT,DI:SNGL 8-BIT DATA SEL MUX	80009	156-0075-00
U12	156-0075-00			MICROCIRCUIT,DI:SNGL 8-BIT DATA SEL MUX	80009	156-0075-00
U13	156-0058-00			MICROCIRCUIT,DI:HEX. INVERTER	01295	SN7404N
U15	156-0106-00			MICROCIRCUIT,LI:MONOLITHIC,6-DIODE ARRAY	86684	CA3039
U17	156-0106-00			MICROCIRCUIT,LI:MONOLITHIC,6-DIODE ARRAY	86684	CA3039
U19	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U19	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07

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Ckt No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
U21	156-0072-00			MICROCIRCUIT,DI:MONOSTABLE MV,TTL	27014	DM74121N
U23	156-0039-00			MICROCIRCUIT,DI:DUAL J-K FLIP FLOP	01295	SN7473N
U25	156-0047-00			MICROCIRCUIT,DI:TPL 3-INPUT POS NAND GATE	80009	156-0047-00
U27	156-0042-00			MICROCIRCUIT,DI:J-K M/S FLIP-FLOP	01295	SN7476N
U29	156-0039-00			MICROCIRCUIT,DI:DUAL J-K FLIP FLOP	01295	SN7473N
U31	156-0061-00			MICROCIRCUIT,DI:SGL,BCD TO DEC DECODER	01295	SN7442N
U33	156-0145-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7438N
U34	156-0032-00			MICROCIRCUIT,DI:4-BIT BINARY COUNTER	01295	SN7493AN
U35	156-0089-00			MICROCIRCUIT,DI:4-BIT UP/DOWN COUNTER	80009	156-0089-00
U36	156-0089-00			MICROCIRCUIT,DI:4-BIT UP/DOWN COUNTER	80009	156-0089-00
U37	156-0058-00			MICROCIRCUIT,DI:HEX.INVERTER	01295	SN7404N
U38	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U38	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U39	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U39	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U41	156-0039-00			MICROCIRCUIT,DI:DUAL J-K FLIP FLOP	01295	SN7473N
U42	156-0041-00			MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	27014	DM7474N
U43	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
U44	156-0145-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7438N
U45	156-0057-00			MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	07263	7401PC
U47	156-0043-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NOR GATE	80009	156-0043-00
U48	156-0041-00			MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	27014	DM7474N
U49	156-0040-00			MICROCIRCUIT,DI:QUAD LATCH,TTL	80009	156-0040-00
U51	156-0089-00			MICROCIRCUIT,DI:4-BIT UP/DOWN COUNTER	80009	156-0089-00
U53	156-0089-00			MICROCIRCUIT,DI:4-BIT UP/DOWN COUNTER	80009	156-0089-00
U55	156-0089-00			MICROCIRCUIT,DI:4-BIT UP/DOWN COUNTER	80009	156-0089-00
U57	156-0106-00			MICROCIRCUIT,LI:MONOLITHIC,6-DIODE ARRAY	86684	CA3039
U59	156-0106-00			MICROCIRCUIT,LI:MONOLITHIC,6-DIODE ARRAY	86684	CA3039
U61	156-0034-00			MICROCIRCUIT,DI:DUAL 4-INPUT NAND GATE	80009	156-0034-00
U62	156-0039-00			MICROCIRCUIT,DI:DUAL J-K FLIP FLOP	01295	SN7473N
U63	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
U64	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
U65	156-0145-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7438N
U66	156-0144-00			MICROCIRCUIT,DI:3-INPUT POS NAND GATE	01295	SN7412N
U67	156-0129-00			MICROCIRCUIT,DI:QUAD 2-INPUT GATE	01295	SN7408N
U68	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
U69	156-0047-00			MICROCIRCUIT,DI:TPL 3-INPUT POS NAND GATE	80009	156-0047-00
U70	156-0058-00			MICROCIRCUIT,DI:HEX.INVERTER	01295	SN7404N
U71	156-0089-00			MICROCIRCUIT,DI:4-BIT UP/DOWN COUNTER	80009	156-0089-00
U73	156-0152-00			MICROCIRCUIT,DI:DUAL 5-BIT BUFFER-REG	18324	N8201N
U75	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U75	156-0105-00	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	27014	LM301AN
U77	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U77	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U79	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U79	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07

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Ckt No.	Tektronix Part No.	Serial/Model No. Eff Dscont	Name & Description	Mfr Code	Mfr Part Number
A2 ASSEMBLY TC-2					
A2	670-1729-05		CKT CARD ASSY:TC-2	80009	670-1729-05
A2	670-1729-06		CKT CARD ASSY:TC-2	80009	670-1729-06
A2	670-1729-07		CKT CARD ASSY:TC-2	80009	670-1729-07
A2	670-1729-08		CKT CARD ASSY:TC-2	80009	670-1729-08
A2	670-1729-09		CKT CARD ASSY:TC-2	80009	670-1729-09
A2	670-1729-10		CKT CARD ASSY:TC-2	80009	670-1729-10
A2	670-1729-12		CKT CARD ASSY:TC-2	80009	670-1729-12
C9	283-0068-00		CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C26 ¹	281-0543-00		CAP.,FXD,CER DI:270PF,10%,500V	72982	301055X5P271K
C29 ²	281-0504-00		CAP.,FXD,CER DI:10PF,+/-1PF,500V	72982	301-055COG0100F
C29 ³	281-0517-00		CAP.,FXD,CER DI:39PF,+/-3.9PF,500V	72982	308-000COG0390K
C31 ⁴	281-0504-00		CAP.,FXD,CER DI:10PF,+/-1PF,500V	72982	301-055COG0100F
C38	281-0546-00		CAP.,FXD,CER DI:330PF,10%,500V	04222	7001-1380
C40 ²	283-0068-00		CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C70 ²	283-0068-00		CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C84	290-0512-00		CAP.,FXD,ELCTLT:22UF,20%,15V	56289	196D226X0015KA1
C88	285-0596-00		CAP.,FXD,PLSTC:0.01UF,1%,100V	14752	410B1B103F
C89	285-0596-00		CAP.,FXD,PLSTC:0.01UF,1%,100V	14752	410B1B103F
C90	281-0525-00		CAP.,FXD,CER DI:470PF,+/-94PF,500V	04222	7001-1364
C128 ²	283-0068-00		CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C149	283-0068-00		CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C159 ²	283-0068-00		CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C171	283-0068-00		CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C174	285-0596-00		CAP.,FXD,PLSTC:0.01UF,1%,100V	14752	410B1B103F
C175	285-0596-00		CAP.,FXD,PLSTC:0.01UF,1%,100V	14752	410B1B103F
C176	281-0525-00		CAP.,FXD,CER DI:470PF,+/-94PF,500V	04222	7001-1364
C201	283-0068-00		CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C202	290-0523-00		CAP.,FXD,ELCTLT:2.2UF,20%,20V	56289	196D225X0025HA1
C209	283-0068-00		CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C241	283-0000-00		CAP.,FXD,CER DI:0.001UF,+100-0%,500V	72982	831-516E102P
C276	290-0512-00		CAP.,FXD,ELCTLT:22UF,20%,15V	56289	196D226X0015KA1
C280	290-0512-00		CAP.,FXD,ELCTLT:22UF,20%,15V	56289	196D226X0015KA1
C282	283-0000-00		CAP.,FXD,CER DI:0.001UF,+100-0%,500V	72982	831-516E102P
C286	283-0000-00		CAP.,FXD,CER DI:0.001UF,+100-0%,500V	72982	831-516E102P
C301 ⁵	283-0203-00		CAP.,FXD,CER DI:0.47UF,20%,50V	72982	8131N075 E474M
C301 ²	283-0190-00		CAP.,FXD,CER DI:0.47UF,5%,50V	72982	8141N077W5R474J
C329	283-0068-00		CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C359	283-0068-00		CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C374 ²	283-0068-00		CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
CR28 ¹	152-0075-00		SEMICONV DEVICE:GE,25V,40MA	80009	152-0075-00
CR180	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR181	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR182	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR183	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR185	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR186	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR187	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR188	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR189	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR190	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR283	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR285	152-0141-02		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152

- ¹-06 and up only.
- ²-09 and -10 only.
- ³-12 and up only.
- ⁴-06, -07, and -08 only.
- ⁵-05, -06, -07, -08 only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
CR381	152-0141-02			SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR382	152-0141-02			SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR383	152-0141-02			SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR384	152-0141-02			SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR385	152-0141-02			SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR386	152-0141-02			SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR387	152-0141-02			SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR388	152-0141-02			SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR389	152-0141-02			SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
Q77	151-0302-00			TRANSISTOR:SILICON,NPN	04713	2N2222A
Q78	151-0302-00			TRANSISTOR:SILICON,NPN	04713	2N2222A
Q79	151-0188-00			TRANSISTOR:SILICON,PNP	01295	2N3906
Q80	151-1078-00			TRANSISTOR:SILICON,JFE,N-CHANNEL	80009	151-1078-00
Q85	151-1078-00			TRANSISTOR:SILICON,JFE,N-CHANNEL	80009	151-1078-00
Q273	151-1025-00			TRANSISTOR:SILICON,JFE,N-CHANNEL	01295	SBA8129
Q274	151-0410-00			TRANSISTOR:SILICON,PNP	80009	151-0410-00
Q275	151-0126-00			TRANSISTOR:SILICON,NPN	15818	2N2484
Q277	151-0410-00			TRANSISTOR:SILICON,PNP	80009	151-0410-00
Q278	151-0126-00			TRANSISTOR:SILICON,NPN	15818	2N2484
R27 ¹	315-0152-00			RES.,FXD,CMPSN:1.5K OHM,5%,0.25W	01121	CB1525
R29 ²	311-1134-00			RES.,VAR,NONWIR:50K OHM,20%,0.50W	73138	72XW-51-0-503M
R30 ³	315-0244-00			RES.,FXD,CMPSN:240K OHM,5%,0.25W	01121	CB2445
R30 ⁴	315-0753-00			RES.,FXD,CMPSN:75K OHM,5%,0.25W	01121	CB7535
R31 ⁵	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R31 ⁶	315-0302-00			RES.,FXD,CMPSN:3K OHM,5%,0.25W	01121	CB3025
R32 ⁷	311-1134-00			RES.,VAR,NONWIR:50K OHM,20%,0.50W	73138	72XW-51-0-503M
R39	315-0332-00			RES.,FXD,CMPSN:3.3K OHM,5%,0.25W	01121	CB3325
R72	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R73 ⁸	321-0315-00			RES.,FXD,FILM:18.7K OHM,1%,0.125W	91637	MFF1816G18701F
R73 ⁹	321-0314-00			RES.,FXD,FILM:18.2K OHM,1%,0.125W	91637	MFF1816G18201F
R74	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R75	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R76	315-0473-00			RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
R77	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R83	315-0473-00			RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
R86	308-0697-00			RES.,FXD,WW:32.14K OHM,1%,0.125W	91637	WWP2258032141B
R87	321-0365-00			RES.,FXD,FILM:61.9K OHM,1%,0.125W	91637	MFF1816G61901F
R88	321-0403-00			RES.,FXD,FILM:154K OHM,1%,0.125W	91637	MFF1816G15402F
R89	321-0365-00			RES.,FXD,FILM:61.9K OHM,1%,0.125W	91637	MFF1816G61901F
R90 ¹⁰	315-0106-00			RES.,FXD,CMPSN:10M OHM,5%,0.25W	01121	CB1065
R90 ¹¹	315-0396-00			RES.,FXD,CMPSN:39M OHM,5%,0.25W	01121	CB3965
R175 ¹⁰	315-0106-00			RES.,FXD,CMPSN:10M OHM,5%,0.25W	01121	CB1065
R175 ¹¹	315-0396-00			RES.,FXD,CMPSN:39M OHM,5%,0.25W	01121	CB3965
R176	321-0365-00			RES.,FXD,FILM:61.9K OHM,1%,0.125W	91637	MFF1816G61901F
R177	321-0403-00			RES.,FXD,FILM:154K OHM,1%,0.125W	91637	MFF1816G15402F
R178	321-0365-00			RES.,FXD,FILM:61.9K OHM,1%,0.125W	91637	MFF1816G61901F
R182	308-0698-00			RES.,FXD,WW:16.046K OHM,0.1%,0.125W	91637	WWP225-A16046B
R183	308-0658-00			RES.,FXD,WW:4K OHM,0.01%,0.125W	91637	WWP225-A40000L
R186	308-0699-00			RES.,FXD,WW:8.115K OHM,0.1%,0.125W	05347	203PA-80111A
R187	315-0303-00			RES.,FXD,CMPSN:30K OHM,5%,0.25W	01121	CB3035
R191	322-0696-00			RES.,FXD,FILM:129K OHM,1%,0.25W	91637	MFF1421G12902F
R192	323-0510-00			RES.,FXD,FILM:2M OHM,1%,0.50W	75042	CECT0-2004F
R193	322-0693-00			RES.,FXD,FILM:1.036M OHM,1%,0.25W	91637	MFF1421G10363F

1-06, -07, and -08 only.

2-05, -06, -07, and -08 only.

3-06,-07,-08,-09 and -10 only.

4-12 and up only.

5-05 only.

6-06 and up only.

7-09 and up only.

8-05, -06, and -07 only.

9-08 and up only.

10-05, and -06 only.

11-07 and up only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr	
		Eff	Dscont		Code	Mfr Part Number
R194	322-0694-00			RES.,FXD,FILM:517K OHM,1%,0.25W	91637	MFF1421G51702F
R195	322-0697-02			RES.,FXD,FILM:64.37K OHM,0.5%,0.25W	91637	MFF1421D64371D
R196	322-0695-00			RES.,FXD,FILM:258K OHM,1%,0.25W	91637	MFF1421G25802F
R201 ¹	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R201 ²	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R241	315-0153-00			RES.,FXD,CMPSN:15K OHM,5%,0.25W	01121	CB1535
R261	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R264	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R265	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R273	315-0473-00			RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
R274 ³	321-0315-00			RES.,FXD,FILM:18.7K OHM,1%,0.125W	91637	MFF1816G18701F
R274 ⁴	321-0314-00			RES.,FXD,FILM:18.2K OHM,1%,0.125W	91637	MFF1816G18201F
R275	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R276	321-0318-00			RES.,FXD,FILM:20K OHM,1%,0.125W	91637	MFF1816G20001F
R277	315-0473-00			RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
R278	315-0303-00			RES.,FXD,CMPSN:30K OHM,5%,0.25W	01121	CB3035
R280	315-0681-00			RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
R281	315-0681-00			RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
R283	321-0261-00			RES.,FXD,FILM:5.11K OHM,1%,0.125W	91637	MFF1816G51100F
R284	315-0473-00			RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
R285	321-0210-00			RES.,FXD,FILM:1.5K OHM,1%,0.125W	91637	MFF1816G15000F
R286 ³	315-0101-00			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R286 ⁴	321-0097-00			RES.,FXD,FILM:100 OHM,1%,0.125W	91637	MFF1816G100R0F
R287 ³	315-0222-00			RES.,FXD,CMPSN:2.2K OHM,5%,0.25W	01121	CB2225
R287 ⁴	321-0223-00			RES.,FXD,FILM:2.05K OHM,1%,0.125W	91637	MFF1816G20500F
R288	315-0473-00			RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
R289	321-0272-00			RES.,FXD,FILM:6.65K OHM,1%,0.125W	91637	MFF1816G66500F
R290	321-0221-00			RES.,FXD,FILM:1.96K OHM,1%,0.125W	91637	MFF1816G19600F
R303	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R309	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R331	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R345	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R349	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R350 ²	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R380	308-0697-00			RES.,FXD,WW:32.14K OHM,1%,0.125W	91637	WWP2258032141B
R381	308-0698-00			RES.,FXD,WW:16.046K OHM,0.1%,0.125W	91637	WWP225-A16046B
R382	308-0699-00			RES.,FXD,WW:8.115K OHM,0.1%,0.125W	05347	203PA-80111A
R387	308-0658-00			RES.,FXD,WW:4K OHM,0.01%,0.125W	91637	WWP225-A40000L
R391	322-0697-02			RES.,FXD,FILM:64.37K OHM,0.5%,0.25W	91637	MFF1421D64371D
R392	322-0696-00			RES.,FXD,FILM:129K OHM,1%,0.25W	91637	MFF1421G12902F
R393	323-0510-00			RES.,FXD,FILM:2M OHM,1%,0.50W	75042	CECT0-2004F
R394	322-0693-00			RES.,FXD,FILM:1.036M OHM,1%,0.25W	91637	MFF1421G10363F
R395	322-0694-00			RES.,FXD,FILM:517K OHM,1%,0.25W	91637	MFF1421G51702F
R396	322-0695-00			RES.,FXD,FILM:258K OHM,1%,0.25W	91637	MFF1421G25802F
U9	156-0041-00			MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	27014	DM7474N
U31	156-0172-00			MICROCIRCUIT,DI:DUAL RETRIG MONOSTABLE MV	80009	156-0172-00
U39	156-0039-00			MICROCIRCUIT,DI:DUAL J-K FLIP FLOP	01295	SN7473N
U41	156-0032-00			MICROCIRCUIT,DI:4-BIT BINARY COUNTER	01295	SN7493AN
U49	156-0061-00			MICROCIRCUIT,DI:SGL,BCD TO DEC DECODER	01295	SN7442N
U51	156-0075-00			MICROCIRCUIT,DI:SNGL 8-BIT DATA SEL MUX	80009	156-0075-00
U59	156-0075-00			MICROCIRCUIT,DI:SNGL 8-BIT DATA SEL MUX	80009	156-0075-00
U61	156-0089-00			MICROCIRCUIT,DI:4-BIT UP/DOWN COUNTER	80009	156-0089-00
U69	156-0089-00			MICROCIRCUIT,DI:4-BIT UP/DOWN COUNTER	80009	156-0089-00

¹-05, -06, -07, and -08 only.

²-09 and up only.

³-05, -06, and -07 only.

⁴-08 and up only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
U71	156-0089-00			MICROCIRCUIT,DI:4-BIT UP/DOWN COUNTER	80009	156-0089-00
U91	156-0105-00			MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	27014	LM301AN
U92	156-0067-07			MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U109	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
U129	156-0039-00			MICROCIRCUIT,DI:DUAL J-K FLIP FLOP	01295	SN7473N
U131	156-0039-00			MICROCIRCUIT,DI:DUAL J-K FLIP FLOP	01295	SN7473N
U139	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
U141	156-0047-00			MICROCIRCUIT,DI:TPL 3-INPUT POS NAND GATE	80009	156-0047-00
U149	156-0047-00			MICROCIRCUIT,DI:TPL 3-INPUT POS NAND GATE	80009	156-0047-00
U151	156-0075-00			MICROCIRCUIT,DI:SNGL 8-BIT DATA SEL MUX	80009	156-0075-00
U159	156-0075-00			MICROCIRCUIT,DI:SNGL 8-BIT DATA SEL MUX	80009	156-0075-00
U161	156-0075-00			MICROCIRCUIT,DI:SNGL 8-BIT DATA SEL MUX	80009	156-0075-00
U169	156-0040-00			MICROCIRCUIT,DI:QUAD LATCH,TTL	80009	156-0040-00
U171	156-0041-00			MICROCIRCUIT,DI:DUAL D-TYPE FLIP-FLOP	27014	DM7474N
U179	156-0067-07			MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U181	156-0067-07			MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U189	156-0106-00			MICROCIRCUIT,LI:MONOLITHIC,6-DIODE ARRAY	86684	CA3039
U191	156-0106-00			MICROCIRCUIT,LI:MONOLITHIC,6-DIODE ARRAY	86684	CA3039
U201	156-0072-00			MICROCIRCUIT,DI:MONOSTABLE MV,TTL	27014	DM74121N
U209	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
U229	156-0039-00			MICROCIRCUIT,DI:DUAL J-K FLIP FLOP	01295	SN7473N
U231	156-0034-00			MICROCIRCUIT,DI:DUAL 4-INPUT NAND GATE	80009	156-0034-00
U239	156-0043-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NOR GATE	80009	156-0043-00
U241	156-0072-00			MICROCIRCUIT,DI:MONOSTABLE MV,TTL	27014	DM74121N
U249	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
U251	156-0058-00			MICROCIRCUIT,DI:HEX. INVERTER	01295	SN7404N
U259	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
U261	156-0144-00			MICROCIRCUIT,DI:3-INPUT POS NAND GATE	01295	SN7412N
U271	156-0152-00			MICROCIRCUIT,DI:DUAL 5-BIT BUFFER-REG	18324	N8201N
U291	156-0067-07			MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U292	156-0067-07			MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U301	156-0072-00			MICROCIRCUIT,DI:MONOSTABLE MV,TTL	27014	DM74121N
U309	156-0145-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7438N
U329	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
U331	156-0042-00			MICROCIRCUIT,DI:J-K M/S FLIP-FLOP	01295	SN7476N
U339	156-0145-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7438N
U341	156-0057-00			MICROCIRCUIT,DI:QUAD 2-INPUT NAND GATE	07263	7401PC
U349	156-0129-00			MICROCIRCUIT,DI:QUAD 2-INPUT GATE	01295	SN7408N
U351	156-0145-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7438N
U359	156-0145-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7438N
U361	156-0089-00			MICROCIRCUIT,DI:4-BIT UP/DOWN COUNTER	80009	156-0089-00
U369	156-0089-00			MICROCIRCUIT,DI:4-BIT UP/DOWN COUNTER	80009	156-0089-00
U371	156-0089-00			MICROCIRCUIT,DI:4-BIT UP/DOWN COUNTER	80009	156-0089-00
U378	156-0058-00			MICROCIRCUIT,DI:HEX. INVERTER	01295	SN7404N
U379	156-0058-00			MICROCIRCUIT,DI:HEX. INVERTER	01295	SN7404N
U389	156-0106-00			MICROCIRCUIT,LI:MONOLITHIC,6-DIODE ARRAY	86684	CA3039
U391	156-0106-00			MICROCIRCUIT,LI:MONOLITHIC,6-DIODE ARRAY	86684	CA3039

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
A3 ASSEMBLY MOTHER						
A3	670-1734-00			CKT BOARD ASSY:MOTHER	80009	670-1734-00
A3	670-1734-02			CKT BOARD ASSY:MOTHER	80009	670-1734-02
C4	283-0068-00			CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
CR3	152-0066-00			SEMICONV DEVICE:SILICON,400V,750MA	80009	152-0066-00
CR4	152-0185-00	B010100	B019999	SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR4	152-0141-02	B020000		SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
J201	131-1147-00			CONNECTOR,RCPT:	00779	PE1-14180
J202	131-1147-00			CONNECTOR,RCPT:	00779	PE1-14180
J203	131-1147-00			CONNECTOR,RCPT:	00779	PE1-14180
J204	131-1147-00			CONNECTOR,RCPT:	00779	PE1-14180
R4	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R7	315-0105-00			RES.,FXD,CMPSN:1M OHM,5%,0.25W	01121	CB1055
R8	315-0105-00			RES.,FXD,CMPSN:1M OHM,5%,0.25W	01121	CB1055
R10	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R12	315-0681-00			RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
R14	315-0681-00			RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
R16	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R18	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R20	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R22	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R24	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R28	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R30	315-0471-00			RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
R32	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R34	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R36	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R38	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R40	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R42	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R44	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R46	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R48	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R50	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R52	315-0471-00			RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
R54	315-0471-00			RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
R56	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R58	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R60	315-0681-00			RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
R62	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R64	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R66	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R68	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R70	315-0681-00			RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
R72	315-0681-00			RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815
R74	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R76	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R78	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R80	315-0471-00			RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
R82	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R84	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R86	315-0681-00			RES.,FXD,CMPSN:680 OHM,5%,0.25W	01121	CB6815

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
R88	315-0182-00			RES., FXD, CMPSN:1.8K OHM, 5%, 0.25W	01121	CB1825
R90	315-0182-00			RES., FXD, CMPSN:1.8K OHM, 5%, 0.25W	01121	CB1825
R92	315-0182-00			RES., FXD, CMPSN:1.8K OHM, 5%, 0.25W	01121	CB1825
A4 ASSEMBLY DEFLECTION AMPL AND STORAGE (4010 ONLY)						
A4	670-1974-00	B010100	B010499	CKT BOARD ASSY:DEFLECTION AMPL AND STORAGE	80009	670-1974-00
A4	670-1974-01	B010500	B019999	CKT BOARD ASSY:DEFLECTION AMPL AND STORAGE	80009	670-1974-01
A4	670-1974-02	B020000	B020954	CKT BOARD ASSY:DEFLECTION AMPL AND STORAGE	80009	670-1974-02
A4	670-1974-03	B020955		CKT BOARD ASSY:DEFLECTION AMPL AND STORAGE	80009	670-1974-03
A4	670-1974-04			CKT BOARD ASSY:DEFLECTION AMPL AND STORAGE	80009	670-1974-04
A4	670-1974-05			CKT BOARD ASSY:DEFLECTION AMPL AND STORAGE	80009	670-1974-05
C103	281-0525-00			CAP., FXD, CER DI:470PF, +/-94PF, 500V	04222	7001-1364
C106	283-0068-00			CAP., FXD, CER DI:0.01UF, +100-0%, 500V	56289	19C241
C117	281-0525-00			CAP., FXD, CER DI:470PF, +/-94PF, 500V	04222	7001-1364
C119	283-0068-00			CAP., FXD, CER DI:0.01UF, +100-0%, 500V	56289	19C241
C163	281-0525-00			CAP., FXD, CER DI:470PF, +/-94PF, 500V	04222	7001-1364
C166	283-0068-00			CAP., FXD, CER DI:0.01UF, +100-0%, 500V	56289	19C241
C177	281-0525-00			CAP., FXD, CER DI:470PF, +/-94PF, 500V	04222	7001-1364
C190 ¹	290-0536-00			CAP., FXD, ELCTLT:10UF, 20%, 25V	90201	TDC106M025FL
C190 ²	290-0517-00			CAP., FXD, ELCTLT:6.8UF, 20%, 35V	56289	196D685X0035KA1
C192 ¹	290-0536-00			CAP., FXD, ELCTLT:10UF, 20%, 25V	90201	TDC106M025FL
C192 ²	290-0517-00			CAP., FXD, ELCTLT:6.8UF, 20%, 35V	56289	196D685X0035KA1
C193	283-0068-00			CAP., FXD, CER DI:0.01UF, +100-0%, 500V	56289	19C241
C194	290-0536-00			CAP., FXD, ELCTLT:10UF, 20%, 25V	90201	TDC106M025FL
C195	283-0068-00	B010100	B010499X	CAP., FXD, CER DI:0.01UF, +100-0%, 500V	56289	19C241
C198	290-0536-00			CAP., FXD, ELCTLT:10UF, 20%, 25V	90201	TDC106M025FL
C210	290-0301-00			CAP., FXD, ELCTLT:10UF, 10%, 20V	56289	150D106X9020B2
C230	281-0550-00			CAP., FXD, CER DI:120PF, 10%, 500V	04222	7001-1373
C233 ¹	283-0068-00	XB020000		CAP., FXD, CER DI:0.01UF, +100-0%, 500V	56289	19C241
C233 ²	283-0013-00			CAP., FXD, CER DI:0.01UF, +100-0%, 1000V	56289	33C29A7
C234 ¹	283-0068-00			CAP., FXD, CER DI:0.01UF, +100-0%, 500V	56289	19C241
C234 ²	283-0013-00			CAP., FXD, CER DI:0.01UF, +100-0%, 1000V	56289	33C29A7
C240 ¹	283-0000-00			CAP., FXD, CER DI:0.001UF, +100-0%, 500V	72982	831-516E102P
C244	290-0267-00			CAP., FXD, ELCTLT:1UF, 20%, 35V	56289	162D105X0035CD2
C247 ¹	283-0068-00			CAP., FXD, CER DI:0.01UF, +100-0%, 500V	56289	19C241
C247 ²	283-0111-00			CAP., FXD, CER DI:0.1UF, 20%, 50V	72982	8131N075651104M
C249 ³	283-0110-00			CAP., FXD, CER DI:0.005UF, +80-20%, 150V	56289	19C242B
C267 ³	283-0000-00			CAP., FXD, CER DI:0.001UF, +100-0%, 500V	72982	831-516E102P
C270 ³	290-0536-00			CAP., FXD, ELCTLT:10UF, 20%, 25V	90201	TDC106M025FL
C276	281-0550-00			CAP., FXD, CER DI:120PF, 10%, 500V	04222	7001-1373
C279 ¹	283-0068-00			CAP., FXD, CER DI:0.01UF, +100-0%, 500V	56289	19C241
C279 ²	283-0013-00			CAP., FXD, CER DI:0.01UF, +100-0%, 1000V	56289	33C29A7
C288	290-0260-00			CAP., FXD, ELCTLT:50UF, +75-10%, 200V	56289	34D506G200GL4
C320 ¹	283-0068-00			CAP., FXD, CER DI:0.01UF, +100-0%, 500V	56289	19C241
C320 ²	283-0013-00			CAP., FXD, CER DI:0.01UF, +100-0%, 1000V	56289	33C29A7
C322 ¹	283-0068-00			CAP., FXD, CER DI:0.01UF, +100-0%, 500V	56289	19C241
C322 ²	283-0013-00			CAP., FXD, CER DI:0.01UF, +100-0%, 1000V	56289	33C29A7
C324	290-0536-00			CAP., FXD, ELCTLT:10UF, 20%, 25V	90201	TDC106M025FL
C326	290-0536-00			CAP., FXD, ELCTLT:10UF, 20%, 25V	90201	TDC106M025FL

¹-00, -01, -02, -03, and -04 only.

²-05 and up only.

³-00, -01, -02, and -03 only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix		Serial/Model No.		Name & Description	Mfr	
	Part No.	Eff	Dscont	Code		Mfr Part Number	
C328	290-0536-00				CAP. ,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL
C330	290-0536-00				CAP. ,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL
C332	290-0536-00				CAP. ,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL
CR64	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR64	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR65	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR65	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR67	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR67	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR68	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR68	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR107	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR107	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR108	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR108	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR124	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR124	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR125	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR125	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR127	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR127	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR128	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR128	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR167	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR167	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR168	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR168	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR202	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR202	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR211	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR211	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR234	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR234	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR279	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR279	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR289	152-0107-00				SEMICONV DEVICE:SILICON,375V,400MA	80009	152-0107-00
CR291	152-0107-00				SEMICONV DEVICE:SILICON,375V,400MA	80009	152-0107-00
CR293	152-0185-00	B010100	B019999		SEMICONV DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR293 ¹	152-0141-02	B020000			SEMICONV DEVICE:SILICON,30V,150MA	07910	1N4152
CR293 ²	152-0107-00				SEMICONV DEVICE:SILICON,375V,400MA	80009	152-0107-00
Q5	151-0349-00				TRANSISTOR:SILICON,NPN,SEL FROM MJE2801	04713	SJE924
Q7	151-0373-00				TRANSISTOR:SILICON,PNP	04713	SJE925
Q9	151-0349-00				TRANSISTOR:SILICON,NPN,SEL FROM MJE2801	04713	SJE924
Q11	151-0373-00				TRANSISTOR:SILICON,PNP	04713	SJE925
Q19	151-0219-00				TRANSISTOR:SILICON,PNP	80009	151-0219-00
Q31	151-0134-00				TRANSISTOR:SILICON,PNP	80009	151-0134-00
Q33	151-0219-00				TRANSISTOR:SILICON,PNP	80009	151-0219-00
Q35	151-0219-00				TRANSISTOR:SILICON,PNP	80009	151-0219-00
Q39	151-0169-00				TRANSISTOR:SILICON,NPN	80009	151-0169-00
Q47	151-0134-00				TRANSISTOR:SILICON,PNP	80009	151-0134-00
Q51	151-0136-00				TRANSISTOR:SILICON,NPN	02735	35495
Q55	151-0341-00				TRANSISTOR:SILICON,NPN	07263	2N3565

¹-00, -01, -02, -03, and -04 only.
²-05 and up only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
Q57	151-0341-00			TRANSISTOR:SILICON,NPN	07263	2N3565
Q58	151-0219-00			TRANSISTOR:SILICON,PNP	80009	151-0219-00
Q59	151-0169-00			TRANSISTOR:SILICON,NPN	80009	151-0169-00
Q65	151-0354-00			TRANSISTOR:SILICON,PNP,DUAL	32293	ITS1200A
Q67	151-0136-00			TRANSISTOR:SILICON,NPN	02735	35495
Q69	151-0354-00			TRANSISTOR:SILICON,PNP,DUAL	32293	ITS1200A
Q75	151-0341-00			TRANSISTOR:SILICON,NPN	07263	2N3565
Q77	151-0219-00			TRANSISTOR:SILICON,PNP	80009	151-0219-00
Q85	151-0354-00			TRANSISTOR:SILICON,PNP,DUAL	32293	ITS1200A
Q93	151-0286-00			TRANSISTOR:SILICON,NPN	18657	2SC515
Q95	151-0241-00			TRANSISTOR:SILICON,NPN	02735	39625
Q97	151-0241-00			TRANSISTOR:SILICON,NPN	02735	39625
Q99	151-0241-00	B010100	B019999	TRANSISTOR:SILICON,NPN	02735	39625
Q99	151-0210-00	B020000		TRANSISTOR:SILICON,NPN	02735	39626
Q109	151-0354-00			TRANSISTOR:SILICON,PNP,DUAL	32293	ITS1200A
Q115	151-0219-00			TRANSISTOR:SILICON,PNP	80009	151-0219-00
Q117	151-0149-00			TRANSISTOR:SILICON,NPN	02735	60010
Q135	151-0219-00			TRANSISTOR:SILICON,PNP	80009	151-0219-00
Q137 ¹	151-0150-00			TRANSISTOR:SILICON,NPN	80009	151-0150-00
Q137 ²	151-0169-00			TRANSISTOR:SILICON,NPN	80009	151-0169-00
R60	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R62	315-0753-00			RES.,FXD,CMPSN:75K OHM,5%,0.25W	01121	CB7535
R65	321-0318-00			RES.,FXD,FILM:20K OHM,1%,0.125W	91637	MFF1816G20001F
R67	321-0318-00			RES.,FXD,FILM:20K OHM,1%,0.125W	91637	MFF1816G20001F
R68	321-0318-00			RES.,FXD,FILM:20K OHM,1%,0.125W	91637	MFF1816G20001F
R70	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R71	315-0470-00			RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
R73	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R75	321-0277-00			RES.,FXD,FILM:7.5K OHM,1%,0.125W	91637	MFF1816G75000F
R77	321-0277-00			RES.,FXD,FILM:7.5K OHM,1%,0.125W	91637	MFF1816G75000F
R80	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R81	315-0470-00			RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
R83	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R85	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R86	321-0304-00			RES.,FXD,FILM:14.3K OHM,1%,0.125W	91637	MFF1816G14301F
R90	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R91	321-0304-00			RES.,FXD,FILM:14.3K OHM,1%,0.125W	91637	MFF1816G14301F
R93	311-1136-00			RES.,VAR,NONWIR:100K OHM,30%,0.25W	71450	201-YA5536
R94	315-0393-00			RES.,FXD,CMPSN:39K OHM,5%,0.25W	01121	CB3935
R96	311-1136-00			RES.,VAR,NONWIR:100K OHM,30%,0.25W	71450	201-YA5536
R97	321-0385-00			RES.,FXD,FILM:100K OHM,1%,0.125W	91637	MFF1816G10002F
R100	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R102	321-0280-00			RES.,FXD,FILM:8.06K OHM,1%,0.125W	91637	MFF1816G80600F
R103	321-0204-00			RES.,FXD,FILM:1.3K OHM,1%,0.125W	91637	MFF1816G13000F
R104	315-0105-00			RES.,FXD,CMPSN:1M OHM,5%,0.25W	01121	CB1055
R106	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R109	315-0511-00			RES.,FXD,CMPSN:510 OHM,5%,0.25W	01121	CB5115
R111	308-0058-00			RES.,FXD,WW:1.5 OHM,10%,1W	75042	BW20-1R500K
R112	308-0058-00			RES.,FXD,WW:1.5 OHM,10%,1W	75042	BW20-1R500K
R113	308-0221-00			RES.,FXD,WW:400 OHM,5%,4UH	80009	308-0221-00
R114	308-0365-00			RES.,FXD,WW:1.5 OHM,5%,3W	56289	242EX1R500JQ151
R115	311-1328-00			RES.,VAR,NONWIR:100 OHM,30%,0.25W	71450	201-YA5553
R116	308-0365-00			RES.,FXD,WW:1.5 OHM,5%,3W	56289	242EX1R500JQ151

1-00, -01, -02, -03, and -04 only.
2-05 and up only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr	
		Eff	Dscont		Code	Mfr Part Number
R117	321-0204-00			RES.,FXD,FILM:1.3K OHM,1%,0.125W	91637	MFF1816G13000F
R119	315-0153-00			RES.,FXD,CMPSN:15K OHM,5%,0.25W	01121	CB1535
R120	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R122	315-0753-00			RES.,FXD,CMPSN:75K OHM,5%,0.25W	01121	CB7535
R125	321-0306-00			RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
R127	321-0318-00			RES.,FXD,FILM:20K OHM,1%,0.125W	91637	MFF1816G20001F
R128	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R130	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R131	315-0470-00			RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
R133	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R135	321-0261-00			RES.,FXD,FILM:5.11K OHM,1%,0.125W	91637	MFF1816G51100F
R136 ¹	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R137	321-0261-00			RES.,FXD,FILM:5.11K OHM,1%,0.125W	91637	MFF1816G51100F
R140	321-0301-00			RES.,FXD,FILM:13.3K OHM,1%,0.125W	91637	MFF1816G13301F
R141	315-0470-00			RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
R143	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R145	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R146	321-0304-00			RES.,FXD,FILM:14.3K OHM,1%,0.125W	91637	MFF1816G14301F
R150	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R151	321-0304-00			RES.,FXD,FILM:14.3K OHM,1%,0.125W	91637	MFF1816G14301F
R153	311-1136-00			RES.,VAR,NONWIR:100K OHM,30%,0.25W	71450	201-YA5536
R154	315-0393-00			RES.,FXD,CMPSN:39K OHM,5%,0.25W	01121	CB3935
R156	311-1136-00			RES.,VAR,NONWIR:100K OHM,30%,0.25W	71450	201-YA5536
R157	315-0104-00			RES.,FXD,CMPSN:100K OHM,5%,0.25W	01121	CB1045
R160	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R162	321-0280-00			RES.,FXD,FILM:8.06K OHM,1%,0.125W	91637	MFF1816G80600F
R163	321-0204-00			RES.,FXD,FILM:1.3K OHM,1%,0.125W	91637	MFF1816G13000F
R164	315-0105-00			RES.,FXD,CMPSN:1M OHM,5%,0.25W	01121	CB1055
R166	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R169	315-0511-00			RES.,FXD,CMPSN:510 OHM,5%,0.25W	01121	CB5115
R171	308-0058-00			RES.,FXD,WW:1.5 OHM,10%,1W	75042	BW20-1R500K
R172	308-0058-00			RES.,FXD,WW:1.5 OHM,10%,1W	75042	BW20-1R500K
R173	303-0221-00			RES.,FXD,CMPSN:220 OHM,5%,1W	01121	GB2215
R174	308-0365-00			RES.,FXD,WW:1.5 OHM,5%,3W	56289	242EX1R500JQ151
R175	311-1328-00			RES.,VAR,NONWIR:100 OHM,30%,0.25W	71450	201-YA5553
R176	308-0365-00			RES.,FXD,WW:1.5 OHM,5%,3W	56289	242EX1R500JQ151
R177	321-0204-00			RES.,FXD,FILM:1.3K OHM,1%,0.125W	91637	MFF1816G13000F
R194	307-0103-00			RES.,FXD,CMPSN:2.7 OHM,5%,0.25W	01121	CB27G5
R198	307-0103-00			RES.,FXD,CMPSN:2.7 OHM,5%,0.25W	01121	CB27G5
R202	315-0392-00			RES.,FXD,CMPSN:3.9K OHM,5%,0.25W	01121	CB3925
R203	315-0432-00			RES.,FXD,CMPSN:4.3K OHM,5%,0.25W	01121	CB4325
R204	315-0203-00			RES.,FXD,CMPSN:20K OHM,5%,0.25W	01121	CB2035
R205	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R206	315-0203-00			RES.,FXD,CMPSN:20K OHM,5%,0.25W	01121	CB2035
R210	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R211	315-0202-00			RES.,FXD,CMPSN:2K OHM,5%,0.25W	01121	CB2025
R212	315-0104-00			RES.,FXD,CMPSN:100K OHM,5%,0.25W	01121	CB1045
R214	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R216	315-0104-00			RES.,FXD,CMPSN:100K OHM,5%,0.25W	01121	CB1045
R218	315-0222-00			RES.,FXD,CMPSN:2.2K OHM,5%,0.25W	01121	CB2225
R219	321-0306-00			RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
R220	321-0324-00			RES.,FXD,FILM:23.2K OHM,1%,0.125W	91637	MFF1816G23201F
R221	315-0682-00			RES.,FXD,CMPSN:6.8K OHM,5%,0.25W	01121	CB6825

¹-05 and up only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
R222	311-1133-00			RES.,VAR, NONWIR:10K OHM,30%,0.25W	71450	201-YA5534
R223	323-0452-00			RES.,FXD,FILM:499K OHM,1%,0.50W	75042	CECT0-4993F
R225	315-0682-00			RES.,FXD,CMPSN:6.8K OHM,5%,0.25W	01121	CB6825
R227	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R230	305-0104-00			RES.,FXD,CMPSN:100K OHM,5%,2W	01121	HB1045
R231	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R232	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R233	301-0474-00	XB020000		RES.,FXD,CMPSN:470K OHM,5%,0.50W	01121	EB4745
R234	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R236	303-0224-00			RES.,FXD,CMPSN:220K OHM,5%,1W	01121	GB2245
R237	315-0470-03			RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
R240 ¹	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R240 ²	315-0392-00			RES.,FXD,CMPSN:3.9K OHM,5%,0.25W	01121	CB3925
R241 ²	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R242	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R244	315-0183-00			RES.,FXD,CMPSN:18K OHM,5%,0.25W	01121	CB1835
R246 ¹	315-0201-00			RES.,FXD,CMPSN:200 OHM,5%,0.25W	01121	CB2015
R247	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R248	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R249	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R251	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R252	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R253	315-0133-00			RES.,FXD,CMPSN:13K OHM,5%,0.25W	01121	CB1335
R255	321-0307-00			RES.,FXD,FILM:15.4K OHM,1%,0.125W	91637	MFF1816G15401F
R256	321-0260-00			RES.,FXD,FILM:4.99K OHM,1%,0.125W	91637	MFF1816G49900F
R257	311-1133-00			RES.,VAR, NONWIR:10K OHM,30%,0.25W	71450	201-YA5534
R260	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R261	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R262	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R263	315-0133-00			RES.,FXD,CMPSN:13K OHM,5%,0.25W	01121	CB1335
R265	321-0274-00			RES.,FXD,FILM:6.98K OHM,1%,0.125W	91637	MFF1816G69800F
R266	321-0260-00			RES.,FXD,FILM:4.99K OHM,1%,0.125W	91637	MFF1816G49900F
R267 ¹	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R268	321-0363-00			RES.,FXD,FILM:59K OHM,1%,0.125W	91637	MFF1816G59001F
R270 ¹	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R271	315-0682-00			RES.,FXD,CMPSN:6.8K OHM,5%,0.25W	01121	CB6825
R273	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R275	305-0683-00			RES.,FXD,CMPSN:68K OHM,5%,2W	01121	HB6835
R277	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R279	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R281	315-0470-03			RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
R283	323-0398-00			RES.,FXD,FILM:137K OHM,1%,0.50W	91637	MFF1226G13702F
R285	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R287	305-0104-00			RES.,FXD,CMPSN:100K OHM,5%,2W	01121	HB1045
R289	315-0104-00			RES.,FXD,CMPSN:100K OHM,5%,0.25W	01121	CB1045
R291	306-0124-00			RES.,FXD,CMPSN:120K OHM,10%,2W	01121	HB1241
R295	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R300	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R301	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R302	315-0133-00			RES.,FXD,CMPSN:13K OHM,5%,0.25W	01121	CB1335
R304 ³	315-0223-00			RES.,FXD,CMPSN:22K OHM,5%,0.25W	01121	CB2235
R304 ⁴	315-0682-00			RES.,FXD,CMPSN:6.8K OHM,5%,0.25W	01121	CB6825
R305 ³	315-0473-00			RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735

¹-00, -01, -02, and -03 only.

²-04 and up only.

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⁴-05 and up only.

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Ckt No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
R305 ¹	315-0392-00			RES.,FXD,CMPSN:3.9K OHM,5%,0.25W	01121	CB3925
R320	301-0100-00			RES.,FXD,CMPSN:10 OHM,5%,0.50W	01121	EB1005
R322	301-0100-00			RES.,FXD,CMPSN:10 OHM,5%,0.50W	01121	EB1005
R324	307-0103-00			RES.,FXD,CMPSN:2.7 OHM,5%,0.25W	01121	CB27G5
R328	307-0103-00			RES.,FXD,CMPSN:2.7 OHM,5%,0.25W	01121	CB27G5
U13	156-0043-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NOR GATE	80009	156-0043-00
U33	156-0093-00			MICROCIRCUIT,DI:HEX.INVERTER	01295	SN7416N
U45	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U45	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U65	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U65	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U87	155-0035-00			MICROCIRCUIT,LI:QUAD OPERATIONAL AMPL	80009	155-0035-00
U91	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U91	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U93	156-0072-00			MICROCIRCUIT,DI:MONOSTABLE MV,TTL	27014	DM74121N
U103 ²	156-0149-00			MICROCIRCUIT,DI:DUAL 4-INPUT ST	01295	SN7413N
U105	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U105	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U107 ³	156-0072-00			MICROCIRCUIT,DI:MONOSTABLE MV,TTL	27014	DM74121N
U107 ²	156-0145-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7438N
U111	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U111	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
VR119	152-0279-00			SEMICONV DEVICE:ZENER,0.4W,5.1V,5%	07910	CD332305
VR233	152-0059-00	XB020000		SEMICONV DEVICE:ZENER,1W,12.6V,5%	04713	SZ50601
VR287	152-0087-00			SEMICONV DEVICE:ZENER,1W,100V,5%	04713	1N3044B
VR292	152-0440-00	B010100	B010499	SEMICONV DEVICE:ZENER,1.5W,150V,5%	04713	1N3817B
VR292	152-0298-00	B010500		SEMICONV DEVICE:ZENER,1.5W,140V,5%	04713	SZ12010

A4 ASSEMBLY DEFLECTION AMPL AND STORAGE (4010-1 ONLY)

A4	670-1727-00	B010100	B010499	CKT BOARD ASSY:DEFLECTION AMPL AND STORAGE	80009	670-1727-00
A4	670-1727-01	B010500	B019999	CKT BOARD ASSY:DEFLECTION AMPL AND STORAGE	80009	670-1727-01
A4	670-1727-02	B020000	B020954	CKT BOARD ASSY:DEFLECTION AMPL AND STORAGE	80009	670-1727-02
A4	670-1727-03	B020955		CKT BOARD ASSY:DEFLECTION AMPL AND STORAGE	80009	670-1727-03
A4	670-1727-04			CKT BOARD ASSY:DEFLECTION AMPL AND STORAGE	80009	670-1727-04
A4	670-1727-05			CKT BOARD ASSY:DEFLECTION AMPL AND STORAGE	80009	670-1727-05
C33 ²	290-0535-00			CAP.,FXD,ELCTLT:33UF,20%,10V	56289	196D336X0010KA1
C46 ³	283-0000-00			CAP.,FXD,CER DI:0.001UF,+100-0%,500V	72982	831-516E102P
C48 ³	283-0081-00			CAP.,FXD,CER DI:0.1UF,+80-20%,25V	56289	36C600
C52	281-0523-00			CAP.,FXD,CER DI:100PF,+/-20PF,500V	72982	301-000U2M0101M
C103	281-0525-00			CAP.,FXD,CER DI:470PF,+/-94PF,500V	04222	7001-1364
C106	283-0068-00			CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C117	281-0525-00			CAP.,FXD,CER DI:470PF,+/-94PF,500V	04222	7001-1364
C119	283-0068-00			CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C163	281-0525-00			CAP.,FXD,CER DI:470PF,+/-94PF,500V	04222	7001-1364
C166	283-0068-00			CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241
C177	281-0525-00			CAP.,FXD,CER DI:470PF,+/-94PF,500V	04222	7001-1364
C190 ⁴	290-0536-00			CAP.,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL
C190 ¹	290-0517-00			CAP.,FXD,ELCTLT:6.8UF,20%,35V	56289	196D685X0035KA1

¹ -05 and up only.

² -04 and up only.

³ -00, -01, -02, -03 only.

⁴ -00, -01, -02, -03, and -04 only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
C192 ¹	290-0536-00			CAP., FXD, ELCTLT: 10UF, 20%, 25V	90201	TDC106M025FL
C192 ²	290-0517-00			CAP., FXD, ELCTLT: 6.8UF, 20%, 35V	56289	196D685X0035KA1
C193	283-0068-00			CAP., FXD, CER DI: 0.01UF, +100-0%, 500V	56289	19C241
C194	290-0536-00			CAP., FXD, ELCTLT: 10UF, 20%, 25V	90201	TDC106M025FL
C195	283-0068-00	B010100	B010499X	CAP., FXD, CER DI: 0.01UF, +100-0%, 500V	56289	19C241
C196	283-0220-00	XB010500		CAP., FXD, CER DI: 0.01UF, 20%, 50V	72982	8121N075W5R103M
C198	290-0536-00			CAP., FXD, ELCTLT: 10UF, 20%, 25V	90201	TDC106M025FL
C199	283-0220-00	XB010500		CAP., FXD, CER DI: 0.01UF, 20%, 50V	72982	8121N075W5R103M
C210	290-0301-00			CAP., FXD, ELCTLT: 10UF, 10%, 20V	56289	150D106X9020B2
C230	281-0550-00			CAP., FXD, CER DI: 120PF, 10%, 500V	04222	7001-1373
C233 ¹	283-0068-00	XB020000		CAP., FXD, CER DI: 0.01UF, +100-0%, 500V	56289	19C241
C233 ²	283-0013-00			CAP., FXD, CER DI: 0.01UF, +100-0%, 1000V	56289	33C29A7
C234 ¹	283-0068-00			CAP., FXD, CER DI: 0.01UF, +100-0%, 500V	56289	19C241
C234 ²	283-0013-00			CAP., FXD, CER DI: 0.01UF, +100-0%, 1000V	56289	33C29A7
C240 ¹	283-0000-00			CAP., FXD, CER DI: 0.001UF, +100-0%, 500V	72982	831-516E102P
C244	290-0267-00			CAP., FXD, ELCTLT: 1UF, 20%, 35V	56289	162D105X0035CD2
C247 ¹	283-0068-00			CAP., FXD, CER DI: 0.01UF, +100-0%, 500V	56289	19C241
C247 ²	283-0111-00			CAP., FXD, CER DI: 0.1UF, 20%, 50V	72982	8131N075651104M
C249 ³	283-0110-00			CAP., FXD, CER DI: 0.005UF, +80-20%, 150V	56289	19C242B
C267 ³	283-0000-00			CAP., FXD, CER DI: 0.001UF, +100-0%, 500V	72982	831-516E102P
C270 ³	290-0536-00			CAP., FXD, ELCTLT: 10UF, 20%, 25V	90201	TDC106M025FL
C276	281-0550-00			CAP., FXD, CER DI: 120PF, 10%, 500V	04222	7001-1373
C279 ¹	283-0068-00			CAP., FXD, CER DI: 0.01UF, +100-0%, 500V	56289	19C241
C279 ²	283-0013-00			CAP., FXD, CER DI: 0.01UF, +100-0%, 1000V	56289	33C29A7
C288	290-0260-00			CAP., FXD, ELCTLT: 50UF, +75-10%, 200V	56289	34D506G200GL4
C320 ¹	283-0068-00			CAP., FXD, CER DI: 0.01UF, +100-0%, 500V	56289	19C241
C320 ²	283-0013-00			CAP., FXD, CER DI: 0.01UF, +100-0%, 1000V	56289	33C29A7
C322 ¹	283-0068-00			CAP., FXD, CER DI: 0.01UF, +100-0%, 500V	56289	19C241
C322 ²	283-0013-00			CAP., FXD, CER DI: 0.01UF, +100-0%, 1000V	56289	33C29A7
C324	290-0536-00			CAP., FXD, ELCTLT: 10UF, 20%, 25V	90201	TDC106M025FL
C326	290-0536-00			CAP., FXD, ELCTLT: 10UF, 20%, 25V	90201	TDC106M025FL
C328	290-0536-00			CAP., FXD, ELCTLT: 10UF, 20%, 25V	90201	TDC106M025FL
C330	290-0536-00			CAP., FXD, ELCTLT: 10UF, 20%, 25V	90201	TDC106M025FL
C332	290-0536-00			CAP., FXD, ELCTLT: 10UF, 20%, 25V	90201	TDC106M025FL
CR4	152-0185-00	B010100	B019999	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR4	152-0141-02	B020000		SEMICONV DEVICE: SILICON, 30V, 150MA	07910	1N4152
CR9	152-0185-00	B010100	B019999	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR9	152-0141-02	B020000		SEMICONV DEVICE: SILICON, 30V, 150MA	07910	1N4152
CR10	152-0185-00	B010100	B019999	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR10	152-0141-02	B020000		SEMICONV DEVICE: SILICON, 30V, 150MA	07910	1N4152
CR11	152-0185-00	B010100	B019999	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR11	152-0141-02	B020000		SEMICONV DEVICE: SILICON, 30V, 150MA	07910	1N4152
CR24	152-0185-00	B010100	B019999	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR24	152-0141-02	B020000		SEMICONV DEVICE: SILICON, 30V, 150MA	07910	1N4152
CR29	152-0185-00	B010100	B019999	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR29	152-0141-02	B020000		SEMICONV DEVICE: SILICON, 30V, 150MA	07910	1N4152
CR30	152-0185-00	B010100	B019999	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR30	152-0141-02	B020000		SEMICONV DEVICE: SILICON, 30V, 150MA	07910	1N4152
CR31	152-0185-00	B010100	B019999	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR31	152-0141-02	B020000		SEMICONV DEVICE: SILICON, 30V, 150MA	07910	1N4152
CR40	152-0185-00	B010100	B019999	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR40	152-0141-02	B020000		SEMICONV DEVICE: SILICON, 30V, 150MA	07910	1N4152
CR64	152-0185-00	B010100	B019999	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152

¹-00, -01, -02, -03, and -04 only.

²-05 and up only.

³-00, -01, -02, and -03 only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr	
		Eff	Dscont		Code	Mfr Part Number
CR64	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR65	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR65	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR67	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR67	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR68	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR68	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR107	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR107	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR108	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR108	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR124	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR124	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR125	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR125	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR127	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR127	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR128	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR128	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR167	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR167	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR168	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR168	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR202	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR202	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR211	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR211	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR234	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR234	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR279	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR279	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR289	152-0107-00			SEMICON D DEVICE:SILICON,375V,400MA	80009	152-0107-00
CR291	152-0107-00			SEMICON D DEVICE:SILICON,375V,400MA	80009	152-0107-00
CR293	152-0185-00	B010100	B019999	SEMICON D DEVICE:SILICON,40PIV,150MA	07910	1N4152
CR293 ¹	152-0141-02	B020000		SEMICON D DEVICE:SILICON,30V,150MA	07910	1N4152
CR293 ²	152-0107-00			SEMICON D DEVICE:SILICON,375V,400MA	80009	152-0107-00
Q5	151-0349-00			TRANSISTOR:SILICON,NPN,SEL FROM MJE2801	04713	SJE924
Q7	151-0373-00			TRANSISTOR:SILICON,PNP	04713	SJE925
Q9	151-0349-00			TRANSISTOR:SILICON,NPN,SEL FROM MJE2801	04713	SJE924
Q11	151-0373-00			TRANSISTOR:SILICON,PNP	04713	SJE925
Q19	151-0219-00			TRANSISTOR:SILICON,PNP	80009	151-0219-00
Q31	151-0134-00			TRANSISTOR:SILICON,PNP	80009	151-0134-00
Q33	151-0219-00			TRANSISTOR:SILICON,PNP	80009	151-0219-00
Q35	151-0219-00			TRANSISTOR:SILICON,PNP	80009	151-0219-00
Q39	151-0169-00			TRANSISTOR:SILICON,NPN	80009	151-0169-00
Q47	151-0134-00			TRANSISTOR:SILICON,PNP	80009	151-0134-00
Q51	151-0136-00			TRANSISTOR:SILICON,NPN	02735	35495
Q55	151-0341-00			TRANSISTOR:SILICON,NPN	07263	2N3565
Q57	151-0341-00			TRANSISTOR:SILICON,NPN	07263	2N3565
Q58	151-0219-00			TRANSISTOR:SILICON,PNP	80009	151-0219-00
Q59	151-0169-00			TRANSISTOR:SILICON,NPN	80009	151-0169-00

¹-00, -01, -02, -03 and -04 only.

²-05 and up only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
Q65	151-0354-00			TRANSISTOR:SILICON,PNP,DUAL	32293	ITS1200A
Q67	151-0136-00			TRANSISTOR:SILICON,NPN	02735	35495
Q69	151-0354-00			TRANSISTOR:SILICON,PNP,DUAL	32293	ITS1200A
Q75	151-0341-00			TRANSISTOR:SILICON,NPN	07263	2N3565
Q77	151-0219-00			TRANSISTOR:SILICON,PNP	80009	151-0219-00
Q85	151-0354-00			TRANSISTOR:SILICON,PNP,DUAL	32293	ITS1200A
Q93	151-0286-00			TRANSISTOR:SILICON,NPN	18657	2SC515
Q95	151-0241-00			TRANSISTOR:SILICON,NPN	02735	39625
Q97	151-0241-00			TRANSISTOR:SILICON,NPN	02735	39625
Q99	151-0241-00	B010100	B019999	TRANSISTOR:SILICON,NPN	02735	39625
Q99	151-0210-00	B020000		TRANSISTOR:SILICON,NPN	02735	39626
Q105	151-0188-00			TRANSISTOR:SILICON,PNP	01295	2N3906
Q109	151-0354-00			TRANSISTOR:SILICON,PNP,DUAL	32293	ITS1200A
Q115	151-0219-00			TRANSISTOR:SILICON,PNP	80009	151-0219-00
Q117	151-0149-00			TRANSISTOR:SILICON,NPN	02735	60010
Q125	151-0188-00			TRANSISTOR:SILICON,PNP	01295	2N3906
Q135	151-0219-00			TRANSISTOR:SILICON,PNP	80009	151-0219-00
Q137 ¹	151-0150-00			TRANSISTOR:SILICON,NPN	80009	151-0150-00
Q137 ²	151-0169-00			TRANSISTOR:SILICON,NPN	80009	151-0169-00
R1	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R2	321-0705-00			RES.,FXD,FILM:41.7K OHM,1%,0.125W	91637	MFF1816G41701F
R3	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R4	311-1290-00			RES.,VAR,NONWIR:1M OHM,10%,0.50W	73138	62-336-0
R5	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R6	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R7	321-0324-00			RES.,FXD,FILM:23.2K OHM,1%,0.125W	91637	MFF1816G23201F
R8	321-0324-00			RES.,FXD,FILM:23.2K OHM,1%,0.125W	91637	MFF1816G23201F
R9	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R10	315-0512-00			RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
R11	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R12	301-0242-00			RES.,FXD,CMPSN:2.4K OHM,5%,0.50W	01121	EB2425
R20	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R21	321-0705-00			RES.,FXD,FILM:41.7K OHM,1%,0.125W	91637	MFF1816G41701F
R22	311-1290-00			RES.,VAR,NONWIR:1M OHM,10%,0.50W	73138	62-336-0
R23	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R24	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R25	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R26	321-0324-00			RES.,FXD,FILM:23.2K OHM,1%,0.125W	91637	MFF1816G23201F
R27 ³	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R29	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R30	315-0512-00			RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
R31	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R32	301-0242-00			RES.,FXD,CMPSN:2.4K OHM,5%,0.50W	01121	EB2425
R35 ³	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R36	315-0303-00			RES.,FXD,CMPSN:30K OHM,5%,0.25W	01121	CB3035
R37	315-0303-00			RES.,FXD,CMPSN:30K OHM,5%,0.25W	01121	CB3035
R40	315-0153-00			RES.,FXD,CMPSN:15K OHM,5%,0.25W	01121	CB1535
R44 ⁴	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R44 ³	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R46 ⁴	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R48 ⁴	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R50	315-0102-00	B010100	B010130	RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R50	315-0471-00	B010131		RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715

¹-00, -01, -02, -03, and -04 only.

²-05 and up only.

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⁴-00, -01, -02, and -03 only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr Code	Mfr Part Number
		Eff	Dscont			
R51	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R52	315-0332-00			RES.,FXD,CMPSN:3.3K OHM,5%,0.25W	01121	CB3325
R53	311-1282-00			RES.,VAR,NONWIR:5K OHM,10%,0.50W	32997	3329W-L58-502
R55	315-0272-00			RES.,FXD,CMPSN:2.7K OHM,5%,0.25W	01121	CB2725
R60	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R62	315-0753-00			RES.,FXD,CMPSN:75K OHM,5%,0.25W	01121	CB7535
R65	321-0318-00			RES.,FXD,FILM:20K OHM,1%,0.125W	91637	MFF1816G20001F
R67	321-0318-00			RES.,FXD,FILM:20K OHM,1%,0.125W	91637	MFF1816G20001F
R68	321-0318-00			RES.,FXD,FILM:20K OHM,1%,0.125W	91637	MFF1816G20001F
R70	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R71	315-0470-00			RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
R73	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R75	321-0277-00			RES.,FXD,FILM:7.5K OHM,1%,0.125W	91637	MFF1816G75000F
R77	321-0277-00			RES.,FXD,FILM:7.5K OHM,1%,0.125W	91637	MFF1816G75000F
R80	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R81	315-0470-00			RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
R83	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R85	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R86	321-0304-00			RES.,FXD,FILM:14.3K OHM,1%,0.125W	91637	MFF1816G14301F
R90	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R91	321-0304-00			RES.,FXD,FILM:14.3K OHM,1%,0.125W	91637	MFF1816G14301F
R93	311-1136-00			RES.,VAR,NONWIR:100K OHM,30%,0.25W	71450	201-YA5536
R94	315-0393-00			RES.,FXD,CMPSN:39K OHM,5%,0.25W	01121	CB3935
R96	311-1136-00			RES.,VAR,NONWIR:100K OHM,30%,0.25W	71450	201-YA5536
R97	321-0385-00			RES.,FXD,FILM:100K OHM,1%,0.125W	91637	MFF1816G10002F
R100	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R102	321-0280-00			RES.,FXD,FILM:8.06K OHM,1%,0.125W	91637	MFF1816G80600F
R103	321-0204-00			RES.,FXD,FILM:1.3K OHM,1%,0.125W	91637	MFF1816G13000F
R104	315-0105-00			RES.,FXD,CMPSN:1M OHM,5%,0.25W	01121	CB1055
R106	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R109	315-0511-00			RES.,FXD,CMPSN:510 OHM,5%,0.25W	01121	CB5115
R111	308-0058-00			RES.,FXD,WW:1.5 OHM,10%,1W	75042	BW20-1R500K
R112	308-0058-00			RES.,FXD,WW:1.5 OHM,10%,1W	75042	BW20-1R500K
R113	303-0221-00			RES.,FXD,CMPSN:220 OHM,5%,1W	01121	GB2215
R114	308-0365-00			RES.,FXD,WW:1.5 OHM,5%,3W	56289	242EX1R500JQ151
R115	311-1328-00			RES.,VAR,NONWIR:100 OHM,30%,0.25W	71450	201-YA5553
R116	308-0365-00			RES.,FXD,WW:1.5 OHM,5%,3W	56289	242EX1R500JQ151
R117	321-0204-00			RES.,FXD,FILM:1.3K OHM,1%,0.125W	91637	MFF1816G13000F
R119	315-0153-00			RES.,FXD,CMPSN:15K OHM,5%,0.25W	01121	CB1535
R120	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R122	315-0753-00			RES.,FXD,CMPSN:75K OHM,5%,0.25W	01121	CB7535
R125	321-0306-00			RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
R127	321-0318-00			RES.,FXD,FILM:20K OHM,1%,0.125W	91637	MFF1816G20001F
R128	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R130	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R131	315-0470-00			RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
R133	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R135	321-0261-00			RES.,FXD,FILM:5.11K OHM,1%,0.125W	91637	MFF1816G51100F
R136 ¹	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R137	321-0261-00			RES.,FXD,FILM:5.11K OHM,1%,0.125W	91637	MFF1816G51100F
R140	321-0301-00			RES.,FXD,FILM:13.3K OHM,1%,0.125W	91637	MFF1816G13301F
R141	315-0470-00			RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
R143	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F

¹-05 and up only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
R145	321-0289-00			RES.,FXD,FILM:1.0K OHM,1%,0.125W	91637	MFF1816G10001F
R146	321-0304-00			RES.,FXD,FILM:14.3K OHM,1%,0.125W	91637	MFF1816G14301F
R150	321-0289-00			RES.,FXD,FILM:1.0K OHM,1%,0.125W	91637	MFF1816G10001F
R151	321-0304-00			RES.,FXD,FILM:14.3K OHM,1%,0.125W	91637	MFF1816G14301F
R153	311-1136-00			RES.,VAR, NONWIR:100K OHM,30%,0.25W	71450	201-YA5536
R154	315-0393-00			RES.,FXD,CMPSN:39K OHM,5%,0.25W	01121	CB3935
R156	311-1136-00			RES.,VAR, NONWIR:100K OHM,30%,0.25W	71450	201-YA5536
R157	315-0104-00			RES.,FXD,CMPSN:100K OHM,5%,0.25W	01121	CB1045
R160	321-0289-00			RES.,FXD,FILM:1.0K OHM,1%,0.125W	91637	MFF1816G10001F
R162	321-0280-00			RES.,FXD,FILM:8.06K OHM,1%,0.125W	91637	MFF1816G80600F
R163	321-0204-00			RES.,FXD,FILM:1.3K OHM,1%,0.125W	91637	MFF1816G13000F
R164	315-0105-00			RES.,FXD,CMPSN:1M OHM,5%,0.25W	01121	CB1055
R166	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R169	315-0511-00			RES.,FXD,CMPSN:510 OHM,5%,0.25W	01121	CB5115
R171	308-0058-00			RES.,FXD,WW:1.5 OHM,10%,1W	75042	BW20-1R500K
R172	308-0058-00			RES.,FXD,WW:1.5 OHM,10%,1W	75042	BW20-1R500K
R173	303-0221-00			RES.,FXD,CMPSN:220 OHM,5%,1W	01121	GB2215
R174	308-0365-00			RES.,FXD,WW:1.5 OHM,5%,3W	56289	242EX1R500JQ151
R175	311-1328-00			RES.,VAR, NONWIR:100 OHM,30%,0.25W	71450	201-YA5553
R176	308-0365-00			RES.,FXD,WW:1.5 OHM,5%,3W	56289	242EX1R500JQ151
R177	321-0204-00			RES.,FXD,FILM:1.3K OHM,1%,0.125W	91637	MFF1816G13000F
R194	307-0103-00			RES.,FXD,CMPSN:2.7 OHM,5%,0.25W	01121	CB27G5
R196	315-0100-02	XB020955		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
R198	307-0103-00			RES.,FXD,CMPSN:2.7 OHM,5%,0.25W	01121	CB27G5
R199	315-0100-02	XB020955		RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
R202	315-0392-00			RES.,FXD,CMPSN:3.9K OHM,5%,0.25W	01121	CB3925
R203	315-0432-00			RES.,FXD,CMPSN:4.3K OHM,5%,0.25W	01121	CB4325
R204	315-0203-00			RES.,FXD,CMPSN:20K OHM,5%,0.25W	01121	CB2035
R205	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R206	315-0203-00			RES.,FXD,CMPSN:20K OHM,5%,0.25W	01121	CB2035
R210	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R211	315-0202-00			RES.,FXD,CMPSN:2K OHM,5%,0.25W	01121	CB2025
R212	315-0104-00			RES.,FXD,CMPSN:100K OHM,5%,0.25W	01121	CB1045
R214	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R216	315-0104-00			RES.,FXD,CMPSN:100K OHM,5%,0.25W	01121	CB1045
R218	315-0222-00			RES.,FXD,CMPSN:2.2K OHM,5%,0.25W	01121	CB2225
R219	321-0306-00			RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
R220	321-0324-00			RES.,FXD,FILM:23.2K OHM,1%,0.125W	91637	MFF1816G23201F
R221	315-0682-00			RES.,FXD,CMPSN:6.8K OHM,5%,0.25W	01121	CB6825
R222	311-1133-00			RES.,VAR, NONWIR:10K OHM,30%,0.25W	71450	201-YA5534
R223	323-0452-00			RES.,FXD,FILM:499K OHM,1%,0.50W	75042	CECT0-4993F
R225	315-0682-00			RES.,FXD,CMPSN:6.8K OHM,5%,0.25W	01121	CB6825
R227	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R230	305-0104-00			RES.,FXD,CMPSN:100K OHM,5%,2W	01121	HB1045
R231	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R232	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R233	301-0474-00	XB020000		RES.,FXD,CMPSN:470K OHM,5%,0.50W	01121	EB4745
R234	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R236	303-0224-00			RES.,FXD,CMPSN:220K OHM,5%,1W	01121	GB2245
R237	315-0470-03			RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
R240 ¹	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R240 ²	315-0392-00			RES.,FXD,CMPSN:3.9K OHM,5%,0.25W	01121	CB3925
R241 ²	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725

¹-00, -01, -02, and -03 only.

²-04 and up only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr	
		Eff	Dscont		Code	Mfr Part Number
R242	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R244	315-0183-00			RES.,FXD,CMPSN:18K OHM,5%,0.25W	01121	CB1835
R246 ¹	315-0201-00			RES.,FXD,CMPSN:200 OHM,5%,0.25W	01121	CB2015
R247	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R248	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R249	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R251	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R252	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R253	315-0133-00			RES.,FXD,CMPSN:13K OHM,5%,0.25W	01121	CB1335
R255	321-0307-00			RES.,FXD,FILM:15.4K OHM,1%,0.125W	91637	MFF1816G15401F
R256	321-0260-00			RES.,FXD,FILM:4.99K OHM,1%,0.125W	91637	MFF1816G49900F
R257	311-1133-00			RES.,VAR,NONWIR:10K OHM,30%,0.25W	71450	201-YA5534
R260	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R261	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R262	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R263	315-0133-00			RES.,FXD,CMPSN:13K OHM,5%,0.25W	01121	CB1335
R265	321-0274-00			RES.,FXD,FILM:6.98K OHM,1%,0.125W	91637	MFF1816G69800F
R266	321-0260-00			RES.,FXD,FILM:4.99K OHM,1%,0.125W	91637	MFF1816G49900F
R267 ¹	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R268	321-0363-00			RES.,FXD,FILM:59K OHM,1%,0.125W	91637	MFF1816G59001F
R270 ¹	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R271	315-0682-00			RES.,FXD,CMPSN:6.8K OHM,5%,0.25W	01121	CB6825
R273	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R275	305-0683-00			RES.,FXD,CMPSN:68K OHM,5%,2W	01121	HB6835
R277	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R279	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R281	315-0470-03			RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
R283	323-0398-00			RES.,FXD,FILM:137K OHM,1%,0.50W	91637	MFF1226G13702F
R285	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R287	305-0104-00			RES.,FXD,CMPSN:100K OHM,5%,2W	01121	HB1045
R289	315-0104-00			RES.,FXD,CMPSN:100K OHM,5%,0.25W	01121	CB1045
R291	306-0124-00			RES.,FXD,CMPSN:120K OHM,10%,2W	01121	HB1241
R295	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R300	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R301	315-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,0.25W	01121	CB1825
R302	315-0133-00			RES.,FXD,CMPSN:13K OHM,5%,0.25W	01121	CB1335
R304 ²	315-0223-00			RES.,FXD,CMPSN:22K OHM,5%,0.25W	01121	CB2235
R304 ³	315-0682-00			RES.,FXD,CMPSN:6.8K OHM,5%,0.25W	01121	CB6825
R305 ²	315-0473-00			RES.,FXD,CMPSN:47K OHM,5%,0.25W	01121	CB4735
R305 ³	315-0392-00			RES.,FXD,CMPSN:3.9K OHM,5%,0.25W	01121	CB3925
R320	301-0100-00			RES.,FXD,CMPSN:10 OHM,5%,0.50W	01121	EB1005
R322	301-0100-00			RES.,FXD,CMPSN:10 OHM,5%,0.50W	01121	EB1005
R324	307-0103-00			RES.,FXD,CMPSN:2.7 OHM,5%,0.25W	01121	CB27G5
R328	307-0103-00			RES.,FXD,CMPSN:2.7 OHM,5%,0.25W	01121	CB27G5
U3	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U3	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U13	156-0043-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NOR GATE	80009	156-0043-00
U23	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U23	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U33	156-0093-00			MICROCIRCUIT,DI:HEX. INVERTER	01295	SN7416N
U43	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U43	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U45	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00

1-00, -01, -02, and -03 only.
2-00, -01, -02, -03, and -04 only.
3-05 and up only.

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Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr Code	Mfr Part Number	
		Eff	Dscont				
U45	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07	
U63	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00	
U63	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07	
U65	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00	
U65	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07	
U81	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N	
U83	156-0072-00			MICROCIRCUIT,DI:MONOSTABLE MV,TTL	27014	DM74121N	
U87	155-0035-00			MICROCIRCUIT,LI:QUAD OPERATIONAL AMPL	80009	155-0035-00	
U91	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00	
U91	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07	
U93	156-0072-00			MICROCIRCUIT,DI:MONOSTABLE MV,TTL	27014	DM74121N	
U101	156-0112-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7426N	
U103 ¹	156-0072-00			MICROCIRCUIT,DI:MONOSTABLE MV,TTL	27014	DM74121N	
U103 ²	156-0149-00			MICROCIRCUIT,DI:DUAL 4-INPUT ST	01295	SN7413N	
U105	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00	
U105	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07	
U107 ¹	156-0072-00			MICROCIRCUIT,DI:MONOSTABLE MV,TTL	27014	DM74121N	
U107 ²	156-0145-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND BFR	01295	SN7438N	
U111	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00	
U111	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07	
VR219	152-0279-00			SEMICONV DEVICE:ZENER,0.4W,5.1V,5%	07910	CD332305	
VR233	152-0059-00	XB020000		SEMICONV DEVICE:ZENER,1W,12.6V,5%	04713	SZ50601	
VR287	152-0087-00			SEMICONV DEVICE:ZENER,1W,100V,5%	04713	1N3044B	
VR292	152-0440-00	B010100	B010499	SEMICONV DEVICE:ZENER,1.5W,150V,5%	04713	1N3817B	
VR292	152-0289-00	B010500		SEMICONV DEVICE:ZENER,0.4W,180V,5%	07910	1N991B	

A5 ASSEMBLY H.V. AND Z AXIS

A5	670-1731-00	B010100	B019999	CKT BOARD ASSY:H.V. AND Z AXIS	80009	670-1731-00	
A5	670-1731-01	B020000		CKT BOARD ASSY:H.V. AND Z AXIS	80009	670-1731-01	
C22	281-0572-00			CAP.,FXD,CER DI:6.8PF,+/-0.5PF,500V	72982	301-000C0H0689D	
C29	290-0534-00			CAP.,FXD,ELCTLT:1UF,20%,35V	56289	196D105X0035H1	
C31	281-0511-00			CAP.,FXD,CER DI:22PF,+/-2.2PF,500V	72982	301-000C0G0220K	
C32	281-0547-00			CAP.,FXD,CER DI:2.7PF,10%,500V	72982	301-000C0J0279C	
C34	283-0068-00			CAP.,FXD,CER DI:0.01UF,+100-0%,500V	56289	19C241	
C39	283-0101-00			CAP.,FXD,CER DI:4700PF,+80-20%,6000V	56289	45C11A	
C41	290-0215-00	B010100	B019999	CAP.,FXD,ELCTLT:100UF,+75-10%,25V	56289	30D107G025DD9	
C41	290-0559-00	B020000		CAP.,FXD,ELCTLT:22UF,20%,35V	56289	196D226X0035M1	
C47	283-0177-00			CAP.,FXD,CER DI:1UF,+80-20%,25V	72982	8131N039651105Z	
C58	283-0067-00			CAP.,FXD,CER DI:0.001UF,10%,200V	72982	835-515B102K	
C59	283-0067-00			CAP.,FXD,CER DI:0.001UF,10%,200V	72982	835-515B102K	
C61	283-0034-00			CAP.,FXD,CER DI:0.005UF,20%,4000V	56289	41C107A	
C62	283-0101-00			CAP.,FXD,CER DI:4700PF,+80-20%,6000V	56289	45C11A	
C70	283-0034-00			CAP.,FXD,CER DI:0.005UF,20%,4000V	56289	41C107A	
C72	283-0101-00			CAP.,FXD,CER DI:4700PF,+80-20%,6000V	56289	45C11A	
C73	283-0101-00			CAP.,FXD,CER DI:4700PF,+80-20%,6000V	56289	45C11A	
C74	283-0101-00			CAP.,FXD,CER DI:4700PF,+80-20%,6000V	56289	45C11A	
C75	283-0291-00			CAP.,FXD,CER DI:25PF,10%,6000V	72982	3878546COG250K	
C89	283-0008-00			CAP.,FXD,CER DI:0.1UF,500V	72982	8151N501 E104M	
C91	283-0101-00			CAP.,FXD,CER DI:4700PF,+80-20%,6000V	56289	45C11A	
C93	283-0101-00			CAP.,FXD,CER DI:4700PF,+80-20%,6000V	56289	45C11A	

¹-00, -01, -02 and -03 only.

²-04 and up only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr	
		Eff	Dscont		Code	Mfr Part Number
C101	290-0534-00			CAP., FXD, ELCTLT: 1UF, 20%, 35V	56289	196D105X0035HA1
C105	281-0604-00			CAP., FXD, CER DI: 2.2PF, +/-0.25PF, 500V	72982	301-000C0J0229C
C106	283-0067-00			CAP., FXD, CER DI: 0.001UF, 10%, 200V	72982	835-515B102K
C111	283-0068-00			CAP., FXD, CER DI: 0.01UF, +100-0%, 500V	56289	19C241
C113	281-0504-00			CAP., FXD, CER DI: 10PF, +/-1PF, 500V	72982	301-055COG0100F
C121	283-0068-00			CAP., FXD, CER DI: 0.01UF, +100-0%, 500V	56289	19C241
C130	283-0057-00			CAP., FXD, CER DI: 0.1UF, +80-20%, 200V	56289	274C10
C140	281-0525-00			CAP., FXD, CER DI: 470PF, +/-94PF, 500V	04222	7001-1364
C142	290-0534-00			CAP., FXD, ELCTLT: 1UF, 20%, 35V	56289	196D105X0035HA1
C148	283-0068-00			CAP., FXD, CER DI: 0.01UF, +100-0%, 500V	56289	19C241
C170	290-0534-00			CAP., FXD, ELCTLT: 1UF, 20%, 35V	56289	196D105X0035HA1
C174	290-0527-00			CAP., FXD, ELCTLT: 15UF, 20%, 20V	90201	TDC156M020FL
C180	290-0534-00			CAP., FXD, ELCTLT: 1UF, 20%, 35V	56289	196D105X0035HA1
C184	290-0534-00			CAP., FXD, ELCTLT: 1UF, 20%, 35V	56289	196D105X0035HA1
CR25	152-0185-00	B010100	B019999	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR25	152-0141-02	B020000		SEMICONV DEVICE: SILICON, 30V, 150MA	07910	1N4152
CR31	152-0185-00	B010100	B019999	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR31	152-0141-02	B020000		SEMICONV DEVICE: SILICON, 30V, 150MA	07910	1N4152
CR32	152-0333-00			SEMICONV DEVICE: SILICON, 55V, 200MA	80009	152-0333-00
CR37	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	80009	152-0066-00
CR39	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	80009	152-0066-00
CR43	152-0412-00			SEMICONV DEVICE: SILICON, 50V, 3A	04713	SR1936
CR47	152-0333-00			SEMICONV DEVICE: SILICON, 55V, 200MA	80009	152-0333-00
CR54	152-0185-00	B010100	B019999	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR54	152-0141-02	B020000		SEMICONV DEVICE: SILICON, 30V, 150MA	07910	1N4152
CR57	152-0185-00	B010100	B019999	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR57	152-0141-02	B020000		SEMICONV DEVICE: SILICON, 30V, 150MA	07910	1N4152
CR61	152-0408-00			SEMICONV DEVICE: SILICON, 10KV, 5MA	83003	H345
CR62	152-0408-00			SEMICONV DEVICE: SILICON, 10KV, 5MA	83003	H345
CR71	152-0408-00			SEMICONV DEVICE: SILICON, 10KV, 5MA	83003	H345
CR72	152-0408-00			SEMICONV DEVICE: SILICON, 10KV, 5MA	83003	H345
CR90	152-0061-00			SEMICONV DEVICE: SILICON, 175V, 100MA	80009	152-0061-00
CR92	152-0242-00			SEMICONV DEVICE: SILICON, 225V, 200MA	12969	NDF341
CR94	152-0242-00			SEMICONV DEVICE: SILICON, 225V, 200MA	12969	NDF341
CR96	152-0333-00			SEMICONV DEVICE: SILICON, 55V, 200MA	80009	152-0333-00
CR115	152-0061-00	XB010370		SEMICONV DEVICE: SILICON, 175V, 100MA	80009	152-0061-00
CR117	152-0185-00	XB010370	B019999	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR117	152-0141-02	B020000		SEMICONV DEVICE: SILICON, 30V, 150MA	07910	1N4152
CR118	152-0185-00	B010100	B019999	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR118	152-0141-02	B020000		SEMICONV DEVICE: SILICON, 30V, 150MA	07910	1N4152
CR119	152-0185-00	XB010370	B019999	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR119	152-0141-02	B020000		SEMICONV DEVICE: SILICON, 30V, 150MA	07910	1N4152
CR121	152-0061-00			SEMICONV DEVICE: SILICON, 175V, 100MA	80009	152-0061-00
CR130	152-0061-00			SEMICONV DEVICE: SILICON, 175V, 100MA	80009	152-0061-00
CR134	152-0333-00			SEMICONV DEVICE: SILICON, 55V, 200MA	80009	152-0333-00
CR144	152-0061-00			SEMICONV DEVICE: SILICON, 175V, 100MA	80009	152-0061-00
DS35	150-0035-00			LAMP, GLOW: 90V, 0.3MA	08806	ALD-T
DS36	150-0035-00			LAMP, GLOW: 90V, 0.3MA	08806	ALD-T
DS37	150-0035-00			LAMP, GLOW: 90V, 0.3MA	08806	ALD-T
DS60	150-0035-00			LAMP, GLOW: 90V, 0.3MA	08806	ALD-T
DS61	150-0035-00			LAMP, GLOW: 90V, 0.3MA	08806	ALD-T
DS62	150-0035-00			LAMP, GLOW: 90V, 0.3MA	08806	ALD-T

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix	Serial/Model No.		Name & Description	Mfr	Mfr Part Number
	Part No.	Eff	Dscont		Code	
DS65	150-0035-00			LAMP,GLOW:90V,0.3MA	08806	A1D-T
DS66	150-0035-00			LAMP,GLOW:90V,0.3MA	08806	A1D-T
DS67	150-0035-00			LAMP,GLOW:90V,0.3MA	08806	A1D-T
DS73	150-0035-00			LAMP,GLOW:90V,0.3MA	08806	A1D-T
DS90	150-0035-00			LAMP,GLOW:90V,0.3MA	08806	A1D-T
DS91	150-0035-00			LAMP,GLOW:90V,0.3MA	08806	A1D-T
DS92	150-0035-00			LAMP,GLOW:90V,0.3MA	08806	A1D-T
DS93	150-0035-00			LAMP,GLOW:90V,0.3MA	08806	A1D-T
DS154	150-0035-00			LAMP,GLOW:90V,0.3MA	08806	A1D-T
L47	108-0234-00			COIL,RF:130UH	80009	108-0234-00
L149	108-0213-00			COIL,RF:2.5MH	76493	8862-2.5
Q35	151-0126-00			TRANSISTOR:SILICON,NPN	15818	2N2484
Q37	151-0279-00			TRANSISTOR:SILICON,NPN	01295	SGC2622
Q53	151-0124-00			TRANSISTOR:SILICON,NPN,SEL FROM 2N3501	80009	151-0124-00
Q57	151-0270-00			TRANSISTOR:SILICON,PNP,SEL FROM 2N3495	80009	151-0270-00
Q98	151-0347-00	XB010370		TRANSISTOR:SILICON,NPN	80009	151-0347-00
Q99	151-0190-02			TRANSISTOR:SILICON,NPN	80009	151-0190-02
Q101	151-0256-00			TRANSISTOR:SILICON,NPN	16758	7305762
Q103	151-0334-00			TRANSISTOR:SILICON,NPN	80009	151-0334-00
Q105	151-0302-00			TRANSISTOR:SILICON,NPN	04713	2N2222A
Q107	151-1005-00			TRANSISTOR:SILICON,JFE,N-CHANNEL	80009	151-1005-00
Q115	151-0279-00			TRANSISTOR:SILICON,NPN	01295	SGC2622
Q135	151-0302-00			TRANSISTOR:SILICON,NPN	04713	2N2222A
Q137	151-1004-00			TRANSISTOR:SILICON,JFE,N-CHANNEL	80009	151-1004-00
Q139	151-0302-00			TRANSISTOR:SILICON,NPN	04713	2N2222A
Q151	151-0169-00			TRANSISTOR:SILICON,NPN	80009	151-0169-00
Q153	151-0169-00			TRANSISTOR:SILICON,NPN	80009	151-0169-00
R1	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R3	315-0123-00			RES.,FXD,CMPSN:12K OHM,5%,0.25W	01121	CB1235
R4	315-0242-00			RES.,FXD,CMPSN:2.4K OHM,5%,0.25W	01121	CB2425
R6	315-0244-00			RES.,FXD,CMPSN:240K OHM,5%,0.25W	01121	CB2445
R7	315-0623-00			RES.,FXD,CMPSN:62K OHM,5%,0.25W	01121	CB6235
R8	315-0303-00			RES.,FXD,CMPSN:30K OHM,5%,0.25W	01121	CB3035
R10	311-1235-00			RES.,VAR,NONWIR:100K OHM,20%,0.50W	32997	3386F-T04-104
R11	321-0356-00			RES.,FXD,FILM:49.9K OHM,1%,0.125W	91637	MFF1816G49901F
R13	321-0241-00			RES.,FXD,FILM:3.16K OHM,1%,0.125W	91637	MFF1816G31600F
R14	321-0255-00			RES.,FXD,FILM:4.42K OHM,1%,0.125W	91637	MFF1816G44200F
R16	321-0330-00			RES.,FXD,FILM:26.7K OHM,1%,0.125W	91637	MFF1816G26701F
R20	311-1232-00			RES.,VAR,NONWIR:50K OHM,20%,0.50W	32997	3386F-T04-503
R21	321-0344-00			RES.,FXD,FILM:37.4K OHM,1%,0.125W	91637	MFF1816G37401F
R22	321-0452-00			RES.,FXD,FILM:499K OHM,1%,0.125W	91637	MFF1816G49902F
R25	321-0280-00			RES.,FXD,FILM:8.06K OHM,1%,0.125W	91637	MFF1816G80600F
R26	321-0306-00			RES.,FXD,FILM:15K OHM,1%,0.125W	91637	MFF1816G15001F
R27	316-0335-00			RES.,FXD,CMPSN:3.3M OHM,10%,0.25W	01121	CB3351
R29	315-0100-02			RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
R31	316-0472-00			RES.,FXD,CMPSN:4.7K OHM,10%,0.25W	01121	CB4721
R34	305-0104-00			RES.,FXD,CMPSN:100K OHM,5%,2W	01121	HB1045
R35	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R37	315-0102-03			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R39	315-0222-00			RES.,FXD,CMPSN:2.2K OHM,5%,0.25W	01121	CB2225
R41	308-0244-00			RES.,FXD,WW:0.3 OHM,10%,2W	91637	RS2B162ER3000K
R43	315-0103-00	XB020000		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
R45	308-0244-00			RES.,FXD,WW:0.3 OHM,10%,2W	91637	RS2B162ER3000K
R50	301-0272-00			RES.,FXD,CMPSN:2.7K OHM,5%,0.50W	01121	EB2725
R51	315-0221-00	XB020000		RES.,FXD,CMPSN:220 OHM,5%,0.25W	01121	CB2215
R52	315-0152-00	B010100	B019999	RES.,FXD,CMPSN:1.5K OHM,5%,0.25W	01121	CB1525
R52	302-0152-00	B020000		RES.,FXD,CMPSN:1.5K OHM,10%,0.50W	01121	EB1521
R55	316-0272-00			RES.,FXD,CMPSN:2.7K OHM,10%,0.25W	01121	CB2721
R57	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R58	315-0104-00			RES.,FXD,CMPSN:100K OHM,5%,0.25W	01121	CB1045
R62	316-0333-00			RES.,FXD,CMPSN:33K OHM,10%,0.25W	01121	CB3331
R63A,B	307-0316-00			RES.,FXD,FILM:26.8M/15M OHM,2%	80009	307-0316-00
R64	311-1323-00			RES.,VAR,NONWIR:5M OHM,10%,2W	01121	12M658
R67	301-0101-00			RES.,FXD,CMPSN:100 OHM,5%,0.50W	01121	EB1015
R68	301-0101-00			RES.,FXD,CMPSN:100 OHM,5%,0.50W	01121	EB1015
R73	301-0273-00			RES.,FXD,CMPSN:27K OHM,5%,0.50W	01121	EB2735
R75	315-0224-00			RES.,FXD,CMPSN:220K OHM,5%,0.25W	01121	CB2245
R77A,B	307-0314-00			RES.,FXD,FILM:VOLTAGE DIVIDER	80009	307-0314-00
R78	322-0481-00			RES.,FXD,FILM:1M OHM,1%,0.25W	75042	CEBT0-1004F
R80	321-0452-00			RES.,FXD,FILM:499K OHM,1%,0.125W	91637	MFF1816G49902F
R81	316-0824-00			RES.,FXD,CMPSN:820K OHM,10%,0.25W	01121	CB8241
R82	311-1232-00			RES.,VAR,NONWIR:50K OHM,20%,0.50W	32997	3386F-T04-503
R84	301-0104-00			RES.,FXD,CMPSN:100K OHM,5%,0.5W	01121	EB1045
R86	306-0185-00	B010100	B019999	RES.,FXD,CMPSN:1.8M OHM,10%,2W	01121	HB1851
R86	306-0125-00	B020000		RES.,FXD,CMPSN:1.2M OHM,10%,2W	01121	HB1251
R88	301-0104-00			RES.,FXD,CMPSN:100K OHM,5%,0.5W	01121	EB1045
R89	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R90	315-0202-00			RES.,FXD,CMPSN:2K OHM,5%,0.25W	01121	CB2025
R92	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R93	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R94	301-0395-00			RES.,FXD,CMPSN:3.9M OHM,5%,0.50W	01121	EB3955
R96	315-0561-00			RES.,FXD,CMPSN:560 OHM,5%,0.25W	01121	CB5615
R97	315-0152-00			RES.,FXD,CMPSN:1.5K OHM,5%,0.25W	01121	CB1525
R98	315-0153-00			RES.,FXD,CMPSN:15K OHM,5%,0.25W	01121	CB1535
R100	315-0470-03			RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
R101	321-0271-00			RES.,FXD,FILM:6.49K OHM,1%,0.125W	91637	MFF1816G64900F
R102	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R104	321-0309-00			RES.,FXD,FILM:16.2K OHM,1%,0.125W	91637	MFF1816G16201F
R105	321-0411-00			RES.,FXD,FILM:187K OHM,1%,0.125W	91637	MFF1816G18702F
R106	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R108	316-0335-00			RES.,FXD,CMPSN:3.3M OHM,10%,0.25W	01121	CB3351
R109	316-0472-00			RES.,FXD,CMPSN:4.7K OHM,10%,0.25W	01121	CB4721
R111	315-0220-01			RES.,FXD,CMPSN:22 OHM,5%,0.25W	01121	CB2205
R112	308-0211-00	B010100	B010369	RES.,FXD,WW:12K OHM,5%,5W	91637	RS2A-B12001J
R112	308-0054-00	B010370		RES.,FXD,WW:10K OHM,5%,5W	91637	RS5-B10001J
R113	305-0123-00			RES.,FXD,CMPSN:12K OHM,5%,2W	01121	HB1235
R114	321-0417-00	B010100	B010369	RES.,FXD,FILM:215K OHM,1%,0.125W	91637	MFF1816G21502F
R114	321-0391-00	B010370		RES.,FXD,FILM:115K OHM,1%,0.125K	91637	MFF1816G11502F
R115	321-0366-00	XB010370		RES.,FXD,FILM:63.4K OHM,1%,0.125W	91637	MFF1816G63401F
R116	321-0371-00			RES.,FXD,FILM:71.5K OHM,1%,0.125W	91637	MFF1816G71501F
R117	315-0682-00	XB010370		RES.,FXD,CMPSN:6.8K OHM,5%,0.25W	01121	CB6825
R118	315-0104-00			RES.,FXD,CMPSN:100K OHM,5%,0.25W	01121	CB1045
R119	315-0432-00	XB010370		RES.,FXD,CMPSN:4.3K OHM,5%,0.25W	01121	CB4325
R120	315-0513-00	B010100	B010322	RES.,FXD,CMPSN:51K OHM,5%,0.25W	01121	CB5135
R120	303-0513-00	B010323		RES.,FXD,CMPSN:51K OHM,5%,1W	01121	GB5135

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
R121	316-0100-00			RES.,FXD,CMPSN:10 OHM,10%,0.25W	01121	CB1001
R122	316-0472-00	XB010370		RES.,FXD,CMPSN:4.7K OHM,10%,0.25W	01121	CB4721
R123	315-0471-00			RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
R130	311-1235-00			RES.,VAR,NONWIR:100K OHM,20%,0.50W	32997	3386F-T04-104
R131	316-0472-00	B010100	B010369	RES.,FXD,CMPSN:4.7K OHM,10%,0.25W	01121	CB4721
R131	315-0102-00	B010370		RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R132	321-0332-00	B010100	B010369	RES.,FXD,FILM:28K OHM,1%,0.125W	91637	MFF1816G28001F
R132	321-0267-00	B010370		RES.,FXD,FILM:5.9K OHM,1%,0.125W	91637	MFF1816G59000F
R134	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R136	321-0301-00	B010100	B010369	RES.,FXD,FILM:13.3K OHM,1%,0.125W	91637	MFF1816G13301F
R136	321-0293-00	B010370		RES.,FXD,FILM:11K OHM,1%,0.125W	91637	MFF1816G11001F
R140	315-0301-00			RES.,FXD,CMPSN:300 OHM,5%,0.25W	01121	CB3015
R142	315-0220-01			RES.,FXD,CMPSN:22 OHM,5%,0.25W	01121	CB2205
R143	315-0132-00			RES.,FXD,CMPSN:1.3K OHM,5%,0.25W	01121	CB1325
R144	315-0301-00			RES.,FXD,CMPSN:300 OHM,5%,0.25W	01121	CB3015
R145	315-0471-00			RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
R146	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R148	315-0470-03			RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
R149	308-0054-00			RES.,FXD,WW:10K OHM,5%,5W	91637	RS5-B10001J
R152	316-0221-00			RES.,FXD,CMPSN:220 OHM,10%,0.25W	01121	CB2211
R154	315-0101-03			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R170	315-0100-02			RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
R174	307-0103-00			RES.,FXD,CMPSN:2.7 OHM,5%,0.25W	01121	CB27G5
R180	315-0100-02			RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
R184	315-0220-01			RES.,FXD,CMPSN:22 OHM,5%,0.25W	01121	CB2205
T50	120-0769-00			XFMR,PWR:	80009	120-0769-00
U119	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U119	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U157	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U157	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07

A6 ASSEMBLY L.V. POWER SUPPLY

A6	670-1726-00	B010100	B019999	CKT BOARD ASSY:L.V. POWER SUPPLY	80009	670-1726-00
A6	670-1726-01	B020000	B021845	CKT BOARD ASSY:L.V. POWER SUPPLY	80009	670-1726-01
A6	670-1726-02	B021846		CKT BOARD ASSY:L.V. POWER SUPPLY	80009	670-1726-02
A6	670-1726-03			CKT BOARD ASSY:L.V. POWER SUPPLY	80009	670-1726-03
A6 ¹	670-1726-04			CKT BOARD ASSY:L.V. POWER SUPPLY	80009	670-1726-04
C9A)						
C9B)	290-0549-00			CAP.,FXD,ELCTLT:150UF,400VDC/250VDC	56289	68D20193
C23	290-0568-00			CAP.,FXD,ELCTLT:4500UF,+75-10%,25V	56289	66D10411
C29	290-0535-00	B010100	B010451	CAP.,FXD,ELCTLT:33UF,20%,10V	56289	196D336X0010KA1
C29	290-0534-00	B010452		CAP.,FXD,ELCTLT:1UF,20%,35V	56289	196D105X0035HA1
C31	283-0000-00			CAP.,FXD,CER DI:0.001UF,+100-0%,500V	72982	831-516E102P
C34	281-0525-00			CAP.,FXD,CER DI:470PF,+/-94PF,500V	04222	7001-1364
C35	283-0057-00			CAP.,FXD,CER DI:0.1UF,+80-20%,200V	56289	274C10
C39	290-0536-00			CAP.,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL
C41	290-0422-00			CAP.,FXD,ELCTLT:54,000UF,+75-10%,15V	56289	36D543G015CC2A
C42	290-0536-00			CAP.,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL

¹Replaced by new 670-4216-00.

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Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr Code	Mfr Part Number
		Eff	Dscont			
C43	290-0524-00	B010100	B010451	CAP., FXD, ELCTLT: 4.7UF, 20%, 10V	90201	TDC475M010EL
C43	290-0534-00	B010452		CAP., FXD, ELCTLT: 1UF, 20%, 35V	56289	196D105X0035HA1
C44	283-0000-00			CAP., FXD, CER DI: 0.001UF, +100-0%, 500V	72982	831-516E102P
C45	281-0525-00			CAP., FXD, CER DI: 470PF, +/-94PF, 500V	04222	7001-1364
C46	283-0028-00			CAP., FXD, CER DI: 0.0022UF, 20%, 50V	56289	19C606
C50	281-0546-00			CAP., FXD, CER DI: 330PF, 10%, 500V	04222	7001-1380
C53	290-0568-00			CAP., FXD, ELCTLT: 4500UF, +75-10%, 25V	56289	66D10411
C58	283-0000-00			CAP., FXD, CER DI: 0.001UF, +100-0%, 500V	72982	831-516E102P
C59	281-0525-00			CAP., FXD, CER DI: 470PF, +/-94PF, 500V	04222	7001-1364
C60	290-0529-00	B010100	B010451X	CAP., FXD, ELCTLT: 47UF, 20%, 20V	05397	T368C476M020AZ
C61	283-0000-00			CAP., FXD, CER DI: 0.001UF, +100-0%, 500V	72982	831-516E102P
C62	281-0523-00	XB020000		CAP., FXD, CER DI: 100PF, +/-20PF, 500V	72982	301-000U2M0101M
C66	290-0536-00			CAP., FXD, ELCTLT: 10UF, 20%, 25V	90201	TDC106M025FL
C119	283-0067-00	XB020000		CAP., FXD, CER DI: 0.001UF, 10%, 200V	72982	835-515B102K
CR13	152-0200-00			SEMICONV DEVICE: SILICON, 400V, 1500MA	80009	152-0200-00
CR21	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	80009	152-0066-00
CR23	152-0462-00			SEMICONV DEVICE: SILICON, 200V, 2.5A	04713	SDA10228
CR47	152-0185-00	B010100	B010451X	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR53	152-0462-00			SEMICONV DEVICE: SILICON, 200V, 2.5A	04713	SDA10228
CR55	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	80009	152-0066-00
CR58	152-0233-00			SEMICONV DEVICE: SILICON, 85V, 100MA	07910	CD61128
CR60	152-0185-00	B010100	B010451X	SEMICONV DEVICE: SILICON, 40PIV, 150MA	07910	1N4152
CR61	152-0066-00			SEMICONV DEVICE: SILICON, 400V, 750MA	80009	152-0066-00
F21	159-0021-00			FUSE, CARTRIDGE: 3AG, 2A, 250V, FAST-BLOW	71400	AGC 2
F41	159-0013-00			FUSE, CARTRIDGE: 3AG, 6A, 125V, 7SEC	71400	MTH6
F61	159-0021-00			FUSE, CARTRIDGE: 3AG, 2A, 250V, FAST-BLOW	71400	AGC 2
Q29	151-0302-00			TRANSISTOR: SILICON, NPN	04713	2N2222A
Q73	151-0087-00	B010100	B019999	TRANSISTOR: SILICON, PNP	01295	2N2905S
Q73	151-0134-00	B020000		TRANSISTOR: SILICON, PNP	80009	151-0134-00
Q75	151-0331-00			TRANSISTOR: SILICON, NPN	80009	151-0331-00
Q97	151-0515-01			TRANSISTOR: 50V, 8A	04713	2N4441
Q99	151-0188-00			TRANSISTOR: SILICON, PNP	01295	2N3906
Q117	151-0337-00	XB010452		TRANSISTOR: SILICON, NPN	21845	93SX287
Q119	151-0302-00	XB010452		TRANSISTOR: SILICON, NPN	04713	2N2222A
R9	304-0184-00			RES., FXD, CMPSN: 180K OHM, 10%, 1W	01121	GB1841
R23	303-0182-00			RES., FXD, CMPSN: 1.8K OHM, 5%, 1W	01121	GB1825
R25	305-0273-00	B010100	B019999	RES., FXD, CMPSN: 27K OHM, 5%, 2W	01121	HB2735
R25	322-0197-00	B020000		RES., FXD, FILM: 1.1K OHM, 1%, 0.25W	75042	CEBT0-1101F
R26	321-0178-00	B010100	B010451	RES., FXD, FILM: 698 OHM, 1%, 0.125W	91637	MFF1816G698R0F
R26	321-0181-00	B010452		RES., FXD, FILM: 750 OHM, 1%, 0.125W	91637	MFF1816G750R0F
R27	311-1225-00			RES., VAR, NONWIR: 1K OHM, 20%, 0.50W	32997	3386F-T04-102
R28	321-0256-00	B010100	B019999	RES., FXD, FILM: 4.53K OHM, 1%, 0.125W	91637	MFF1816G45300F
R28	321-0262-00	B020000	B021845	RES., FXD, FILM: 5.23K OHM, 1%, 0.125W	91637	MFF1816G52300F
R28	321-0251-00	B021846		RES., FXD, FILM: 4.02K OHM, 1%, 0.125W	91637	MFF1816G40200F
R29	315-0102-00	B010100	B010451	RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
R29	315-0103-00	B010452		RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035
R30	315-0204-00	B010100	B019999X	RES., FXD, CMPSN: 200K OHM, 5%, 0.25W	01121	CB2045
R31	321-0271-00			RES., FXD, FILM: 6.49K OHM, 1%, 0.125W	91637	MFF1816G64900F
R32	321-0242-00			RES., FXD, FILM: 3.24K OHM, 1%, 0.125W	91637	MFF1816G32400F
R34	315-0205-00			RES., FXD, CMPSN: 2M OHM, 5%, 0.25W	01121	CB2055
R35	315-0102-00			RES., FXD, CMPSN: 1K OHM, 5%, 0.25W	01121	CB1025
R36	315-0103-00			RES., FXD, CMPSN: 10K OHM, 5%, 0.25W	01121	CB1035

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr Code	Mfr Part Number
		Eff	Dscont			
R37	305-0823-00			RES.,FXD,CMPSN:82K OHM,5%,2W	01121	HB8235
R43	315-0102-00	B010100	B010451	RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R43	315-0103-00	B010452		RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R44	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R45	315-0205-00			RES.,FXD,CMPSN:2M OHM,5%,0.25W	01121	CB2055
R46	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R47	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R49	315-0102-00	B010100	B010451X	RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R50	315-0271-00	B010100	B010451	RES.,FXD,CMPSN:270 OHM,5%,0.25W	01121	CB2715
R50	311-1228-00	B010452		RES.,VAR,NONWIR:10K OHM,20%,0.50W	32997	3386F-T04-103
R51	315-0470-00			RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
R52	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R53	303-0182-00			RES.,FXD,CMPSN:1.8K OHM,5%,1W	01121	GB1825
R54	304-0152-00	B010100	B019999X	RES.,FXD,CMPSN:1.5K OHM,10%,1W	01121	GB1521
R57 ¹	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R57 ²	321-0289-03			RES.,FXD,FILM:10K OHM,0.25%,0.125W	91637	MFF1816D10001C
R58 ¹	321-0289-00			RES.,FXD,FILM:10K OHM,1%,0.125W	91637	MFF1816G10001F
R58 ²	321-0289-03			RES.,FXD,FILM:10K OHM,0.25%,0.125W	91637	MFF1816D10001C
R59	315-0205-00			RES.,FXD,CMPSN:2M OHM,5%,0.25W	01121	CB2055
R61	315-0273-00			RES.,FXD,CMPSN:27K OHM,5%,0.25W	01121	CB2735
R63	301-0151-00			RES.,FXD,CMPSN:150 OHM,5%,0.50W	01121	EB1515
R64	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
U69	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U69	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U71	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U71	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
U77	156-0067-00	B010100	B019999	MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-00
U77	156-0067-07	B020000		MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-07
VR25	152-0461-00			SEMICONV DEVICE:ZENER,0.4W,6.2V,5%	04713	1N821
VR35	152-0279-00			SEMICONV DEVICE:ZENER,0.4W,5.1V,5%	07910	CD332305
VR47	152-0279-00	XB020000		SEMICONV DEVICE:ZENER,0.4W,5.1V,5%	07910	CE332305
VR49	152-0175-00	B010100	B010451X	SEMICONV DEVICE:ZENER,0.4W,5.6V,5%	04713	1N752A
VR60	152-0149-00	B010100	B019999X	SEMICONV DEVICE:ZENER,0.4W,10V,5%	04713	1N961B
VR119	152-0229-00	B010100	B010451	SEMICONV DEVICE:ZENER,1W,5%,39V	04713	1N3034B
VR119	152-0283-00	B010452		SEMICONV DEVICE:ZENER,0.4W,43V,5%	04713	1N976B

A6 ASSEMBLY L.V. POWER SUPPLY

A6	670-4216-00			CKT BOARD ASSY:L.V. POWER SUPPLY	80009	670-4216-00
C5	290-0506-00			CAP.,FXD,ELCTLT:9600UF,+100-10%,25V	56289	68D10471
C33	290-0549-00			CAP.,FXD,ELCTLT:150UF,400VDC/250VDC	56289	68D20193
C55	290-0135-00			CAP.,FXD,ELCTLT:15UF,20%,20V	56289	150D156X0020B2
C59	281-0536-00			CAP.,FXD,CER DI:1000PF,10%,500V	72982	301055X5P102K
C68	283-0177-00			CAP.,FXD,CER DI:1UF,+80-20%,25V	72982	8131N039651105Z
C71	283-0177-00			CAP.,FXD,CER DI:1UF,+80-20%,25V	72982	8131N039651105Z
C73	281-0546-00			CAP.,FXD,CER DI:330PF,10%,500V	04222	7001-1380
C159	283-0212-00			CAP.,FXD,CER DI:2UF,20%,50V	72982	8141N064Z5U0205M
C161	281-0525-00			CAP.,FXD,CER DI:470PF,+/-94PF,500V	04222	7001-1364

¹-00, -01, and -02 only.
²-03 and -04 only.

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Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr	
		Eff	Dscont		Code	Mfr Part Number
C165	281-0525-00			CAP., FXD, CER DI:470PF, +/-94PF, 500V	04222	7001-1364
C168	283-0142-00			CAP., FXD, CER DI:0.0027UF, 5%, 200V	72982	875-551B272J
C169	290-0301-00			CAP., FXD, ELCTLT:10UF, 10%, 20V	56289	150D106X9020B2
C170	290-0301-00			CAP., FXD, ELCTLT:10UF, 10%, 20V	56289	150D106X9020B2
C172	283-0000-00			CAP., FXD, CER DI:0.001UF, +100-0%, 500V	72982	831-516E102P
C175	281-0525-00			CAP., FXD, CER DI:470PF, +/-94PF, 500V	04222	7001-1364
C180	283-0358-00			CAP., FXD, CER DI:0.01UF, +80-20%, 1.4KV	91418	AU0103Z1421R0
C205	290-0506-00			CAP., FXD, ELCTLT:9600UF, +100-10%, 25V	56289	68D10471
C274	283-0000-00			CAP., FXD, CER DI:0.001UF, +100-0%, 500V	72982	831-516E102P
C276	283-0028-00			CAP., FXD, CER DI:0.0022UF, 20%, 50V	56289	19C606
C280	283-0358-00			CAP., FXD, CER DI:0.01UF, +80-20%, 1.4KV	91418	AU0103Z1421R0
CR31	152-0066-00			SEMICONV DEVICE:SILICON, 400V, 750MA	80009	152-0066-00
CR69	152-0141-02			SEMICONV DEVICE:SILICON, 30V, 150MA	07910	1N4152
CR155	152-0066-00			SEMICONV DEVICE:SILICON, 400V, 750MA	80009	152-0066-00
CR161	152-0141-02			SEMICONV DEVICE:SILICON, 30V, 150MA	07910	1N4152
CR163	152-0066-00			SEMICONV DEVICE:SILICON, 400V, 750MA	80009	152-0066-00
CR165	152-0141-02			SEMICONV DEVICE:SILICON, 30V, 150MA	07910	1N4152
CR225	152-0423-00			SEMICONV DEVICE:SILICON, 300V, 3A	04713	1N5000
CR226	152-0423-00			SEMICONV DEVICE:SILICON, 300V, 3A	04713	1N5000
CR229	152-0423-00			SEMICONV DEVICE:SILICON, 300V, 3A	04713	1N5000
CR230	152-0423-00			SEMICONV DEVICE:SILICON, 300V, 3A	04713	1N5000
CR241	152-0200-00			SEMICONV DEVICE:SILICON, 400V, 1500MA	80009	152-0200-00
CR275	152-0233-00			SEMICONV DEVICE:SILICON, 85V, 100MA	07910	CD61128
F135	159-0126-00			FUSE, CARTRIDGE:3AG, 2.5A, 250V, 0.65 SEC	71400	AGC2-1/2
F139	159-0126-00			FUSE, CARTRIDGE:3AG, 2.5A, 250V, 0.65 SEC	71400	AGC2-1/2
F145	159-0038-00			FUSE, CARTRIDGE:3AG, 15A, 32V, FAST-BLOW	71400	MDL 15A
Q55	151-0232-00			TRANSISTOR:SILICON, NPN, DUAL	12040	NS7348
Q61	151-0188-00			TRANSISTOR:SILICON, PNP	01295	2N3906
Q65	151-0134-00			TRANSISTOR:SILICON, PNP	80009	151-0134-00
Q75	151-0342-00			TRANSISTOR:SILICON, PNP	80009	151-0342-00
Q80	151-0528-00			TRANSISTOR:SILICON, SCR	04713	2N6400
Q155	151-0190-00			TRANSISTOR:SILICON, NPN	80009	151-0190-00
Q161	151-0302-00			TRANSISTOR:SILICON, NPN	04713	2N2222A
Q165	151-0190-00			TRANSISTOR:SILICON, NPN	80009	151-0190-00
Q175	151-0190-00			TRANSISTOR:SILICON, NPN	80009	151-0190-00
Q178	151-0103-00			TRANSISTOR:SILICON, NPN	04713	2N2219A
Q265	151-0337-00			TRANSISTOR:SILICON, NPN	21845	93SX287
Q270	151-0323-00			TRANSISTOR:SILICON, NPN, SEL FROM MJE521	80009	151-0323-00
Q275	151-0190-00			TRANSISTOR:SILICON, NPN	80009	151-0190-00
Q278	151-0134-00			TRANSISTOR:SILICON, PNP	80009	151-0134-00
R27	311-1224-00			RES., VAR, NONWIR:500 OHM, 20%, 0.50W	32997	3386F-T04-501
R45	308-0757-00			RES., FXD, WW:0.025 OHM, 3%, 5W	91637	LVR5-GR0250H
R50	311-1228-00			RES., VAR, NONWIR:10K OHM, 20%, 0.50W	32997	3386F-T04-103
R55	315-0270-00			RES., FXD, CMPSN:27 OHM, 5%, 0.25W	01121	CB2705
R56	315-0102-00			RES., FXD, CMPSN:1K OHM, 5%, 0.25W	01121	CB1025
R57	315-0302-00			RES., FXD, CMPSN:3K OHM, 5%, 0.25W	01121	CB3025
R58	315-0102-00			RES., FXD, CMPSN:1K OHM, 5%, 0.25W	01121	CB1025
R64	315-0302-00			RES., FXD, CMPSN:3K OHM, 5%, 0.25W	01121	CB3025
R65	315-0510-00			RES., FXD, CMPSN:51 OHM, 5%, 0.25W	01121	CB5105
R66	315-0242-00			RES., FXD, CMPSN:2.4K OHM, 5%, 0.25W	01121	CB2425
R67	315-0103-00			RES., FXD, CMPSN:10K OHM, 5%, 0.25W	01121	CB1035

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Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr	
		Eff	Dscont		Code	Mfr Part Number
R68	315-0241-00			RES.,FXD,CMPSN:240 OHM,5%,0.25W	01121	CB2415
R72	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R73	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R75	315-0470-00			RES.,FXD,CMPSN:47 OHM,5%,0.25W	01121	CB4705
R77	321-0180-00			RES.,FXD,FILM:732 OHM,1%,0.125W	91637	MFF1816G732ROF
R79	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R121	305-0121-00			RES.,FXD,CMPSN:120K OHM,5%,2W	01121	HB1215
R135	303-0623-00			RES.,FXD,CMPSN:62K OHM,5%,1W	01121	GB6235
R156	311-1221-00			RES.,VAR,NONWIR:50 OHM,20%,0.50W	32997	3386F-T04-500
R157	315-0202-00			RES.,FXD,CMPSN:2K OHM,5%,0.25W	01121	CB2025
R159	321-0111-00			RES.,FXD,FILM:140 OHM,1%,0.125W	91637	MFF1816G140ROF
R160	321-0247-00			RES.,FXD,FILM:3.65K OHM,1%,0.125W	91637	MFF1816G36500F
R161	315-0202-00			RES.,FXD,CMPSN:2K OHM,5%,0.25W	01121	CB2025
R165	315-0101-00			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R166	315-0622-00			RES.,FXD,CMPSN:6.2K OHM,5%,0.25W	01121	CB6225
R167	308-0679-00			RES.,FXD,WW:0.51 OHM,5%,2W	75042	BWH-R5100J
R171	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R172	321-0604-00			RES.,FXD,FILM:30K OHM,0.25%,0.125W	91637	MFF1816D30001C
R173	315-0332-00			RES.,FXD,CMPSN:3.3K OHM,5%,0.25W	01121	CB3325
R174	321-0603-00			RES.,FXD,FILM:15K OHM,0.25%,0.125W	91637	MFF1816D15001C
R175	321-0222-00			RES.,FXD,FILM:2K OHM,1%,0.125W	91637	MFF1816G20000F
R177	308-0679-00			RES.,FXD,WW:0.51 OHM,5%,2W	75042	BWH-R5100J
R178	315-0101-00			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R179	315-0101-00			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R180	307-0413-00			RES.,FXD,CMPSN:3.3M OHM,10%,1W	03888	FL1-3304K10%
R249	303-0823-00			RES.,FXD,CMPSN:82K OHM,5%,1W	01121	GB8235
R265	305-0271-00			RES.,FXD,CMPSN:270 OHM,5%,2W	01121	HB2715
R266	315-0471-00			RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
R267	315-0471-00			RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
R268	315-0101-00			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R269	315-0471-00			RES.,FXD,CMPSN:470 OHM,5%,0.25W	01121	CB4715
R271	315-0302-00			RES.,FXD,CMPSN:3K OHM,5%,0.25W	01121	CB3025
R272	321-0289-03			RES.,FXD,FILM:10K OHM,0.25%,0.125W	91637	MFF1816D10001C
R274	321-0289-03			RES.,FXD,FILM:10K OHM,0.25%,0.125W	91637	MFF1816D10001C
R275	315-0512-00			RES.,FXD,CMPSN:5.1K OHM,5%,0.25W	01121	CB5125
R276	304-0181-00			RES.,FXD,CMPSN:180 OHM,10%,1W	01121	GB1811
R278	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R279	307-0106-00			RES.,FXD,CMPSN:4.7 OHM,5%,0.25W	01121	CB47G5
R280	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
U170	156-0067-01			MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-01
U175	156-0071-01			MICROCIRCUIT,LI:VOLTAGE REGULATOR	80009	156-0071-01
U270	156-0067-01			MICROCIRCUIT,LI:OPERATIONAL AMPLIFIER	80009	156-0067-01
VR155	152-0283-00			SEMICOND DEVICE:ZENER,0.4W,43V,5%	04713	1N976B
VR158	152-0195-00			SEMICOND DEVICE:ZENER,0.4W,5.1V,5%	81483	6965112

A7 ASSEMBLY KEYBOARD

A7	119-0304-00	B010100	B055574	KEYBOARD ASSY:	01963	B76-07AA
A7	119-0304-02	B055575		KEYBOARD ASSY:	01963	OBD

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Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr	
		Eff	Dscont		Code	Mfr Part Number
C1 ¹	283-0660-00	B010100	B055574X	CAP.,FXD,MICA D:510PF,2%,500V	00853	D155F511G0
C2	285-0917-00			CAP.,FXD,PLSTC:0.0022UF,5%,200V	84411	TEK36-222-5-2
C3	290-0136-00			CAP.,FXD,ELCTLT:2.2UF,20%,20V	56289	162D225X0020CD2
C5	290-0136-00			CAP.,FXD,ELCTLT:2.2UF,20%,20V	56289	162D225X0020CD2
R1	316-0472-00			RES.,FXD,CMPSN:4.7K OHM,10%,0.25W	01121	CB4721
R2	316-0472-00			RES.,FXD,CMPSN:4.7K OHM,10%,0.25W	01121	CB4721
R3	316-0103-00			RES.,FXD,CMPSN:10K OHM,10%,0.25W	01121	CB1031
R4	316-0472-00			RES.,FXD,CMPSN:4.7K OHM,10%,0.25W	01121	CB4721
R5	316-0472-00			RES.,FXD,CMPSN:4.7K OHM,10%,0.25W	01121	CB4721
R6	316-0472-00			RES.,FXD,CMPSN:4.7K OHM,10%,0.25W	01121	CB4721
R7	316-0472-00			RES.,FXD,CMPSN:4.7K OHM,10%,0.25W	01121	CB4721
R8	316-0472-00			RES.,FXD,CMPSN:4.7K OHM,10%,0.25W	01121	CB4721
R9	316-0472-00			RES.,FXD,CMPSN:4.7K OHM,10%,0.25W	01121	CB4721
R10	316-0472-00			RES.,FXD,CMPSN:4.7K OHM,10%,0.25W	01121	CB4721
S1-S51	{ 260-1393-00			SWITCH,PUSH:SPST,NO KEYBOARD SWITCH	01963	M61-0100
	{ 260-1393-01			SWITCH,PUSH:SPST,NO KEYBOARD SWITCH	01963	M51-0101
Z1	156-0169-00			MICROCIRCUIT,LI:HEX. INVERTER	04713	MC836P
Z2	156-0032-00			MICROCIRCUIT,DI:4-BIT BINARY COUNTER	01295	SN7493AN
Z3	156-0032-00			MICROCIRCUIT,DI:4-BIT BINARY COUNTER	01295	SN7493AN
Z4	156-0081-00			MICROCIRCUIT,LI:SGL RETRIGGERABLE MV	07263	9601PC
Z5	156-0078-00			MICROCIRCUIT,DI:4 TO 16 LINE DECODER	01295	SN74154N
Z6	156-0075-00			MICROCIRCUIT,DI:SNGL 8-BIT DATA SEL MUX	80009	156-0075-00
Z7	156-0040-00			MICROCIRCUIT,DI:QUAD LATCH,TTL	80009	156-0040-00
Z8	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
Z9	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
Z10	156-0043-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NOR GATE	80009	156-0043-00
Z11	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
Z12	156-0030-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS NAND GATE	01295	SN7400N
Z13	156-0062-00			MICROCIRCUIT,DI:QUAD 2-INPUT POS EXCL GATE	04713	MC7486P
A8 ASSEMBLY DISPLAY INTERCONNECT						
A8	670-1732-00			CKT BOARD ASSY:DISPLAY INTERCONNECT	80009	670-1732-00
R3	315-0680-02			RES.,FXD,CMPSN:68 OHM,5%,0.25W	01121	CB6805
R5	315-0680-02			RES.,FXD,CMPSN:68 OHM,5%,0.25W	01121	CB6805
R7	315-0680-02			RES.,FXD,CMPSN:68 OHM,5%,0.25W	01121	CB6805
A9 ASSEMBLY HARD COPY AMPLIFIER						
A9	670-1744-00			CKT BOARD ASSY:HARD COPY AMPLIFIER	80009	670-1744-00
A9	670-1744-01			CKT BOARD ASSY:HARD COPY AMPL(4010-1 ONLY)	80009	670-1744-01
C3	283-0008-00			CAP.,FXD,CER DI:0.1UF,500V	72982	8151N501 E104M
C4	283-0008-00			CAP.,FXD,CER DI:0.1UF,500V	72982	8151N501 E104M
C8	290-0285-00			CAP.,FXD,ELCTLT:4UF,+50-10%,200V	56289	30D1800

¹119-0304-00 only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No. Eff	Dscont	Name & Description	Mfr Code	Mfr Part Number
C10	283-0194-00			CAP.,FXD,CER DI:4.7UF,20%,50V	72982	8151N080651475M
C11	283-0194-00			CAP.,FXD,CER DI:4.7UF,20%,50V	72982	8151N080651475M
C21	281-0546-00			CAP.,FXD,CER DI:330PF,10%,500V	04222	7001-1380
C24	281-0623-00			CAP.,FXD,CER DI:650PF,5%,500V	04222	7001-1362
C26	281-0623-00			CAP.,FXD,CER DI:650PF,5%,500V	04222	7001-1362
C27	281-0512-00			CAP.,FXD,CER DI:27PF,+/-2.7PF,500V	72982	308-000COG0270K
C30	281-0623-00			CAP.,FXD,CER DI:650PF,5%,500V	04222	7001-1362
C31	290-0267-00			CAP.,FXD,ELCTLT:1UF,20%,35V	56289	162D105X0035CD2
C32	281-0623-00			CAP.,FXD,CER DI:650PF,5%,500V	04222	7001-1362
C40	283-0178-00			CAP.,FXD,CER DI:0.1UF,+80-20%,100V	72982	8131N145651104Z
C42	283-0178-00			CAP.,FXD,CER DI:0.1UF,+80-20%,100V	72982	8131N145651104Z
C46	283-0178-00			CAP.,FXD,CER DI:0.1UF,+80-20%,100V	72982	8131N145651104Z
C48	281-0523-00			CAP.,FXD,CER DI:100PF,+/-20PF,500V	72982	301-000U2M0101M
C51	283-0178-00			CAP.,FXD,CER DI:0.1UF,+80-20%,100V	72982	8131N145651104Z
C54	290-0536-00			CAP.,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL
C70	290-0536-00			CAP.,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL
C75	290-0536-00			CAP.,FXD,ELCTLT:10UF,20%,25V	90201	TDC106M025FL
CR6	152-0426-00			SEMICONV DEVICE:SILICON,400V,400MA	01295	G2017-1
CR7	152-0040-00			SEMICONV DEVICE:SILICON,600V,1A	14099	SC6
L3	108-0324-00			COIL,RF:10MH	76493	70F102A1
L5	108-0324-00			COIL,RF:10MH	76493	70F102A1
L7	108-0324-00			COIL,RF:10MH	76493	70F102A1
L10	108-0205-00	B010100	B010451X	COIL,RF:1MH	76493	8209
L12	108-0205-00	B010100	B010451X	COIL,RF:1MH	76493	8209
Q43	151-0087-00	B010100	B019999	TRANSISTOR:SILICON,PNP	01295	2N2905S
Q43	151-0134-00	B020000		TRANSISTOR:SILICON,PNP	80009	151-0134-00
R3	315-0101-00			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R5	315-0101-00			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R7	315-0101-00			RES.,FXD,CMPSN:100 OHM,5%,0.25W	01121	CB1015
R8	302-0104-00			RES.,FXD,CMPSN:100K OHM,10%,0.50W	01121	EB1041
R21 ¹	311-0633-00			RES.,VAR,NONWIR:5K OHM,10%,0.50W	80740	62-58-3
R21 ²	311-1263-00			RES.,VAR,NONWIR:1K OHM,10%,0.50W	32997	3329P-L58-102
R24	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R25	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R26	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R27	315-0102-00			RES.,FXD,CMPSN:1K OHM,5%,0.25W	01121	CB1025
R30	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R32	315-0103-00			RES.,FXD,CMPSN:10K OHM,5%,0.25W	01121	CB1035
R33	315-0432-00			RES.,FXD,CMPSN:4.3K OHM,5%,0.25W	01121	CB4325
R34	315-0153-00			RES.,FXD,CMPSN:15K OHM,5%,0.25W	01121	CB1535
R35	311-1228-00			RES.,VAR,NONWIR:10K OHM,20%,0.50W	32997	3386F-T04-103
R40	315-0100-00			RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
R42	315-0100-00			RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
R45	315-0100-00			RES.,FXD,CMPSN:10 OHM,5%,0.25W	01121	CB1005
R46	307-0103-00			RES.,FXD,CMPSN:2.7 OHM,5%,0.25W	01121	CB27G5
R48	315-0562-00			RES.,FXD,CMPSN:5.6K OHM,5%,0.25W	01121	CB5625
R49	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R51	321-0214-00			RES.,FXD,FILM:1.65K OHM,1%,0.125W	91637	MFF1816G16500F
R52	321-0231-00			RES.,FXD,FILM:2.49K OHM,1%,0.125W	91637	MFF1816G24900F
R54	315-0472-00			RES.,FXD,CMPSN:4.7K OHM,5%,0.25W	01121	CB4725
R56	301-0151-00			RES.,FXD,CMPSN:150 OHM,5%,0.50W	01121	EB1515

1-00 only.

2-01 and up only.

Replaceable Electrical Parts—4010 Maintenance

Ckt No.	Tektronix Part No.	Serial/Model No.		Name & Description	Mfr	
		Eff	Dscont		Code	Mfr Part Number
R70	307-0103-00			RES.,FXD,CMPSN:2.7 OHM,5%,0.25W	01121	CB27G5
R75	307-0103-00			RES.,FXD,CMPSN:2.7 OHM,5%,0.25W	01121	CB27G5
T20	120-0691-00			XFMR,TOROID:2 WINDINGS	80009	120-0691-00
T21	120-0681-00			XFMR,TOROID:(3) 12 TURN WINDINGS	80009	120-0681-00
T22	120-0459-00			XFMR,TOROID:10 TURNS,BIFILAR	80009	120-0459-00
U5	156-0162-00			MICROCIRCUIT,LI:DIFFERENTIAL VIDEO AMPL	80009	156-0162-00
U45	156-0162-00			MICROCIRCUIT,LI:DIFFERENTIAL VIDEO AMPL	80009	156-0162-00
U61	156-0072-00			MICROCIRCUIT,DI:MONOSTABLE MV,TTL	27014	DM74121N
U65	156-0096-00			MICROCIRCUIT,LI:VOLTAGE COMPARATOR	27014	IM311H

