pole 1&10 Timing

+12V

U1
IN849

h4   1   —   8   Vs+
R1   12   2   Rg
             3   Rg
h26   4   +   Vs−   Ref   6
                        7 o_TT

−12V GND

pole 2&9 mark

+12V

U2
IN849

h6   1   —   8   Vs+
R2   12   2   Rg
             3   Rg
h24   4   +   Vs−   Ref   6
                        7 o_MT

−12V GND

pole 3 data

+12V

U3
IN849

h3   1   —   8   Vs+
R3   12   2   Rg
             3   Rg
h9   4   +   Vs−   Ref   6
                        7 o_3

−12V GND

pole 4 data

+12V

U4
IN849

h11   1   —   8   Vs+
R4   12   2   Rg
             3   Rg
h17   4   +   Vs−   Ref   6
                        7 o_4

−12V GND

pole 5 data

+12V

U5
IN849

h25   1   —   8   Vs+
R5   12   2   Rg
             3   Rg
h19   4   +   Vs−   Ref   6
                        7 o_5

−12V GND

pole 6 data

+12V

U6
IN849

h5   1   —   8   Vs+
R6   12   2   Rg
             3   Rg
h18   4   +   Vs−   Ref   6
                        7 o_6

−12V GND

pole 7 data

+12V

U7
IN849

h13   1   —   8   Vs+
R7   12   2   Rg
             3   Rg
h20   4   +   Vs−   Ref   6
                        7 o_7

−12V GND

pole 8 data

+12V

U8
IN849

h23   1   —   8   Vs+
R8   12   2   Rg
             3   Rg
h8   4   +   Vs−   Ref   6
                        7 o_8

−12V GND

pole 1 timing single winding

+12V

U9
IN849

h2   1   —   8   Vs+
R9   12   2   Rg
             3   Rg
h14   4   +   Vs−   Ref   6
                        7 o_1

−12V GND

pole 10 timing single winding

+12V

U10
IN849

h26   1   —   8   Vs+
R10   12   2   Rg
             3   Rg
h2   4   +   Vs−   Ref   6
                        7 o_10

−12V GND

J5
Conn_01x01_Pin
1

R13 10k
GND

J1
Conn_02x13_Odd_Even

h1   1   2   h2
h3   3   4   h4
h5   5   6   h6
       7   8   h8
h9   9   10
h11   11   12
h13   13   14   h14
       15   16   h16
h17   17   18   h18
h19   19   20   h20
       21   22
h23   23   24   h24
h25   25   26   h26

Input bias current source

R14 10k
GND

R15 10k
GND

R12 10k
GND

R11 10k
GND

J3
Conn_02x13_Odd_Even

2   1   o_1
4   3   o_MT
6   5   o_3
8   7   o_4
10   9   o_5
12   11   o_6
14   13   o_7
16   15   o_8
18   17   o_10
20   19   o_TT
22   21   1
24   23   2   J4
26   25   3   Conn_01x03_Pin

GND

+12V

C1   C3   C5   C7   C9   C13
.1uF .1uF .1uF .1uF .1uF 10uF

GND

C2   C4   C6   C8   C10   C14
.1uF .1uF .1uF .1uF .1uF 10uF

−12V

J2
Conn_01x03

3
2
1

PWR_FLAG +12V
PWR_FLAG
PWR_FLAG

GND

PWR_FLAG −12V