LEFT_HEADERS

3V3
GND
GND GND
INH_A
INH_B
INL_C
SO1
SO2

RIGHT_HEADERS

GND
INL_A
INL_B
EN_GATE
GND
INH_C

VCC

47 u C15
L1
22 u
SCH_DIODE

GND
C4
0.015 u
C1 C2
4.7 u 0.1 u
PVDD
C3
0.1 u

GND
R2 16.2 k
R3 10 k
R5 10 k
C6 6800 p
C5 120 p

31.6 k
R4
VCC

GND
R6 1

DVDD

GND
C7 1.0 u

C13
0.022 u
EN_GATE

DVDD
C14 1 u

C8 1 u

DRV8302

1 GT_CLK   SS_TR   56
2 COMP   EN_BUCK 55
3 VSENSE   PVDD2(2) 54
4 PWRGD   PVDD2   53
5 OCTW'   BST_BK   52
6 FAULT'   PH(2)   51
7 DTC   PH   50
8 M_PWM   BIAS   49   R1 1 M
9 M_OC   BST_A   48
10 GAIN   GH_A   47   GH_A
11 OC_ADJ   SH_A   46
12 DC_CAL   GL_A   45   GL_A
13 GVDD   SL_A   44   GND
14 CP1   BST_B   43
15 CP2   GH_B   42   GH_B
16 EN_GATE   SH_B   41
17 INH_A   GL_B   40   GL_B
18 INL_A   SL_B   39   GND
19 INH_B   BST_C   38
20 INL_B   GH_C   37   GH_C
21 INH_C   SH_C   36
22 INL_C   GL_C   35   GL_C
23 DVDD   SL_C   34   GND
24 3V3   SN1   33
25 SO1   SP1   32
26 SO2   SN2   31
27 AVDD   SP2   30
28 AGND   PVDD1   29

GND
C16 0.1 u
PHASA
C17 0.1 u
PHASB
C18 0.1 u
PHASC
SN1
C12 1 u
SN2
C11 1 u
4.7 u 0.1 u
C9 C10
PVDD
GND PAD
GND

X1-1 PVDD
X1-2 GND

PVDD
C24 C23 C22
220 u 220 u 220 u
GND

GND
LED1
G
R13 70
VCC

GND
C19 10 u
C20 10 u
C21 10 u
PVDD

R7 10 A_H
R9 10 B_H
R10 10 C_H
GH_A
GH_B
GH_C
PHASA
PHASB
PHASC
PHASE
PHASE
PHASE

R8 10 A_L
R12 10 B_L
R11 10 C_L
GL_A
GL_B
GL_C
SN1
SN2

10 m SHUNT_1
10 m SHUNT_2
GND

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