F1
Fuse 15A

J1
24 V DC Supply
+24V
GND

TVS
TPSMB2616CA

+24V Dirty

J3
Motor Driver
+24V_Dirty
GND_Dirty

GND Dirty

Dirty GND

Common_Mode_Choke
CM3032V301R-10
1   2
3   4

GND Clean

Clean GND

L1
27 uH

C1
47 uF

C2
47 uF

+24V Clean

C3
22 uF

C4
22 uF

24V-12V
TSR 2-24150
1 IN   OUT 3
   GND
2

+12V

24V-5V
TSR 2-24150
1 IN   OUT 3
   GND
2

+5V

J2
Clean 24V Bus
1
2
3
4
GND

J4
Clean 12V Bus
1
2
3
4
GND

J5
Clean 5V Bus
1
2
3
4
GND