

3. Wiring Up DMB4250-8B, Windows-PC, and Dyn2 Servo

Single DC power supply for Servos and Breakout Board

.AC120V,50/60 Hz input,
+48Vdc,21A output
+48Vdc,21A Output toroidal
+48V Gnd

Smoothed DC power voltage

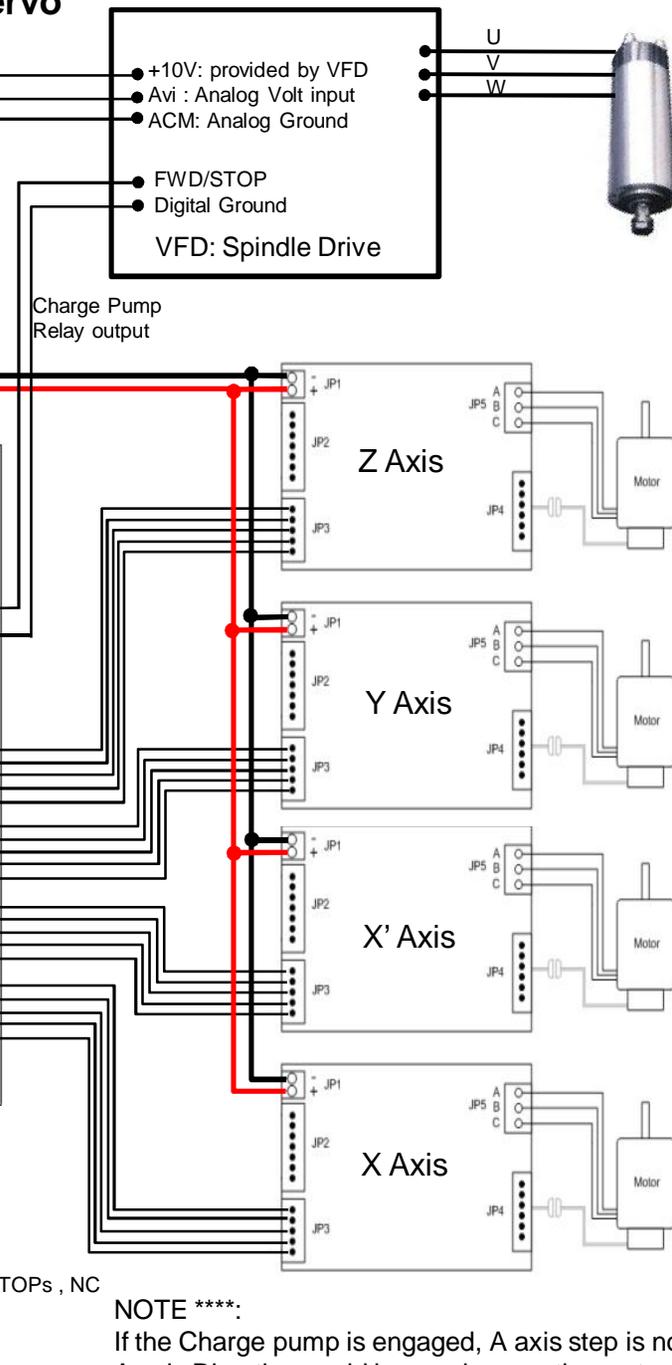
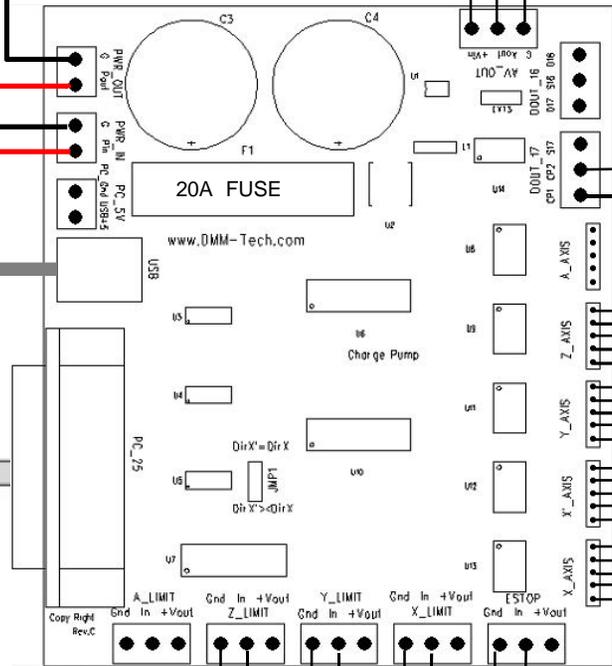
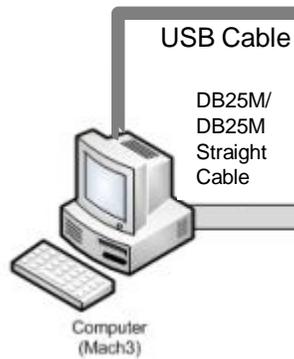
Spindle Speed Control
• +10V: provided by VFD
• Avi : Analog Volt input
• ACM: Analog Ground

FWD/STOP
Digital Ground

VFD: Spindle Drive

Charge Pump Relay output

Spindle



NOTE **: Dout_16, Dout_17 can be extended to relay control for Flood/Mist or ATC

NOTE***: A_Limit could be used as an optional input if Charge Pump is engaged

X,Y,Z Home/Limit SW

ESTOPs , NC

NOTE ****: If the Charge pump is engaged, A axis step is not available, but A axis Direction could be used as another output, max V < 5.5

NOTE *: X and X' for driving Gantry, Select X' turn Direction by JMP1.