Notes:
1. DIN 8-pin, each signal line twist with separate ground.
2. Ground lines connect together at Edge Connector.
3. Twisted grounds not connected (open) at DIN 8-pin.
4. Don't forget to power 74LS244 buffer.
5. Use of 30awg on Vector Board, 22awg off-board. The only exception being the voltage regulator to the power bus bars.