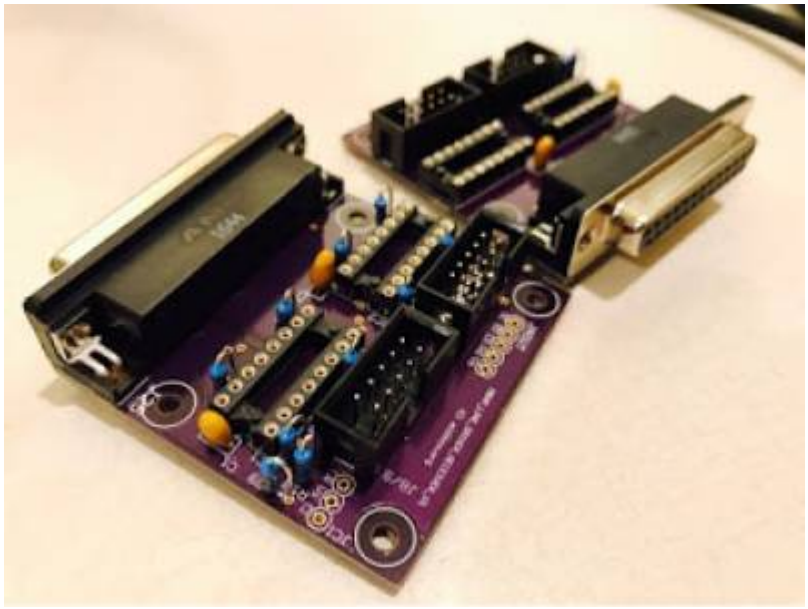
LINE DRIVER Boards parts list



The line driver modules have been designed to connect SPI devices and serial shift registers (DINs/DOUTs) to a MIDIbox over long distances.

- Official uCApps Page
- Transmitter Schematic
- Receiver Schematic

Parts List

Description	Type	Quantity	Reichelt Ref	Mouser Ref	Digikey Ref
MC3486	RS-422 Interface IC Quad Line	2	MC 3486 DIL	595-MC3486N	
MC3487	RS-422 Interface IC Quad Line	2	MC 3487 DIL	595-MC3487N	
IC socket	16 pin	4	GS 16	575-199316	
Ceramic Cap	100 nF (.1uF)	4	Z5U-2,5 100n		
Resistor	100 Ohm	12	1/4W 110	603-MFR-25FBF52-100R	
D-sub female connector	25 pin	2	D-SUB BU 25US	571-1734350-1	
2×5 DIL Headers	10 pin	4	WSL 10G		
2×5 DIL Sockets	10 pin	4	PFL 10		
1-row SIL Headers	(only 13 pins required)	1		855-M20-9994045	
Jumper	10 pin	4	JUMPER 2,54GL RT		

Mouser Parts Cart:
https://www.mouser.com/ProjectManager/ProjectDetail.aspx?AccessID=e7d04d9577

Datasheets

- PIC16F88-I/P

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