Drawn: Richard Ash
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Version: 1

Raspberry Pi DMX-512 (RS-485) Output Driver

+5V

+5V

+5V from Pi
P1 pins 2,4

Tx from Pi
P1 pin 8

Ground from Pi
P1 pins 6,9,14,20,25

MAX3158

NC	1	28	NC
NC	2	27	
	3	26	NC
	4	25	NC
	5	24	
	6	23	
	7	22	
	8	21	NC
	9	20	NC
NC	10	19	NC
NC	11	18	NC
NC	12	17	
	13	16	
NC	14	15	NC

C5

C1

C1

C3

28-pin wide DIP package

C4

R2

R1

R3

3-pin
XLR

3
1 2

Hole side of female