

# Small Tesla Drive Unit Board - Wiring Pin Out

## 20 Pin Connector

Pin Number	Function	Comments
1	CAN LOW	
2	CAN HIGH	
3	MAIN CONTACTOR CONTROL	Pull To Ground
4	ACCELERATOR +5V	
5	FORWARD DIRECTION SIGNAL	12v Signal
6	ACCELERATOR GROUND	
7	BRAKE TRANSDUCER GROUND	
8	ACCELERATOR SIGNAL	
9	START SIGNAL	12v Signal Pulse
10	BRAKE TRANSDUCER SIGNAL	
11	PRECHARGE RELAY CONTROL	Pull To Ground

12	REVERSE DIRECTION SIGNAL	12v Signal
13	+12V SUPPLY IGN ON	Main +12v DC Supply To Inverter
14	RS232 RX	
15	BRAKE ON DIGITAL SIGNAL	+12v Signal For Switch
16	RS232 TX	
17	CRUISE CONTROL SIGNAL	+12v Momentary Signal For On Or Off
18	BRAKE TRANSDUCER +5V	
19	GROUND	
20	BRAKE LIGHT CONTROL	Ground Side Brake Light Control

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