

## Mission Control v3 Expansion Connector

Pin #	Description	Used For
1	RE0	Data 0 (LSb)
2	RE1	
3	RE2	
4	RE3	
5	RE4	
6	RE5	
7	RE6	
8	RE7	Data 7 (MSb)
9	RB0/INT0	E clock on LCD
10	RD4/SDO2	Synchronous Serial Port or Digital I/O
11	RD5/SDI2/SDA2	Synchronous Serial Port or Digital I/O
12	RD6/SCK2/SCL2	Synchronous Serial Port or Digital I/O
13	RD7/SS2*	Synchronous Serial Port or Digital I/O
14	RB1/INT1	
15	RB2/INT2	
16	RB3/CCP2	
17	RC2/CCP1	
18	TX2	TTL Serial Output (GPS Data In)
19	RX2	TTL Serial Input (Telemetry Out)
20	TX1	TTL Serial Output
21	RX1	TTL Serial Input
22	AN8	0-5v Analog Input
23	AN9	0-5v Analog Input
24	AN10	0-5v Analog Input
25	AN11	0-5v Analog Input
26	RB6/PGC	Program Clock or Digital I/O
27	RB7/PGD	Program Data or Digital I/O
28	Ground	Signal Ground
29	+5v	Input (30mA max output)
30	MCLR*/VPP	Programming