

HOST SERIAL (Default 19200 N 8 1)

MM RX
SIG GND
MM TX

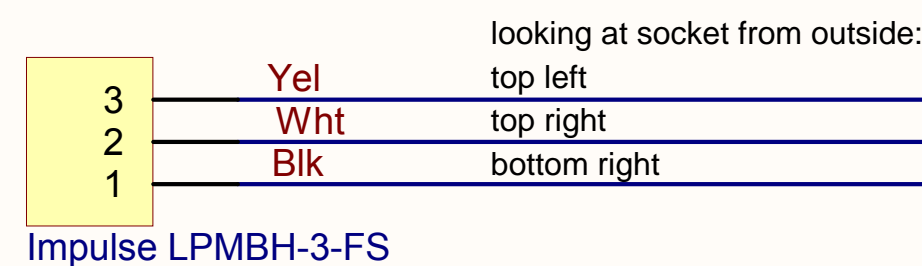
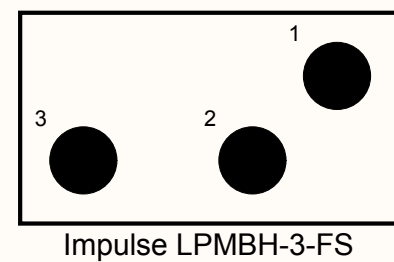
PPS or SYNC (Optional)

SIG GND
PPS

Modems are typically configured for 12V, 24V, or 36V (+/- 2V) operation.

Modems can operate at lower supply voltage than designed (i.e. a 36V system can operate at 12V). However, the acoustic source level will be lower than designed. Modems are configured for maximum source level at the specified supply voltage.

TRANSDUCER

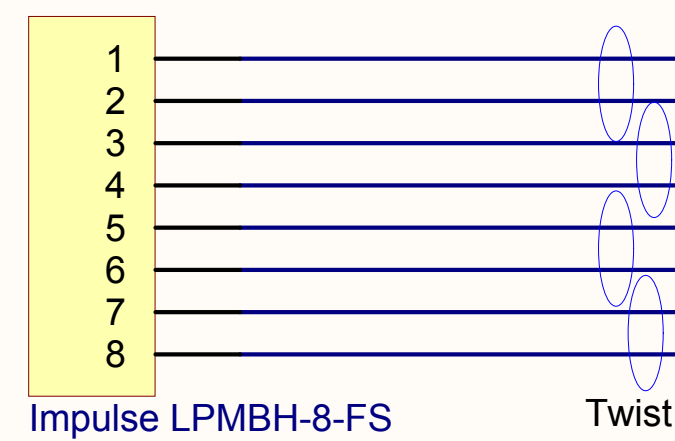
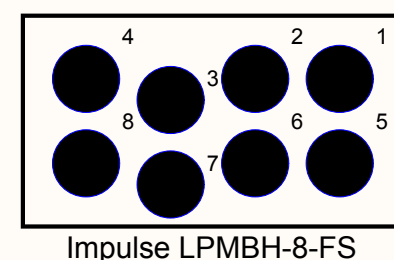


HOST POWER SUPPLY

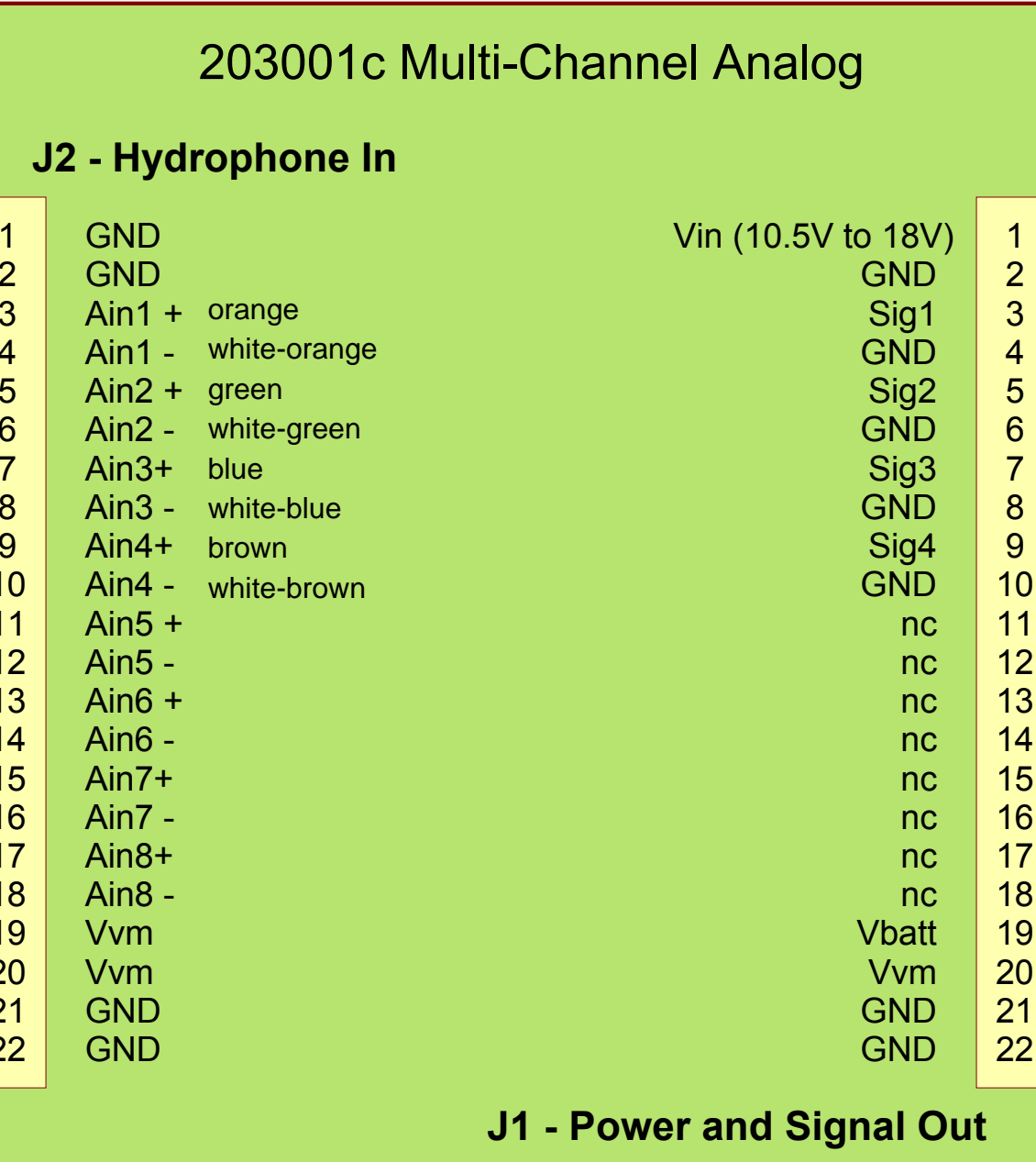
PWR
PWR GND

color coded
1 - red -- orange
2 - orange -- white-orange
3 - yellow -- green
4 - green -- white-green
5 - blue -- blue
6 - purple -- white-blue
7 - grey -- brown
8 - brown -- white-brown

ARRAY



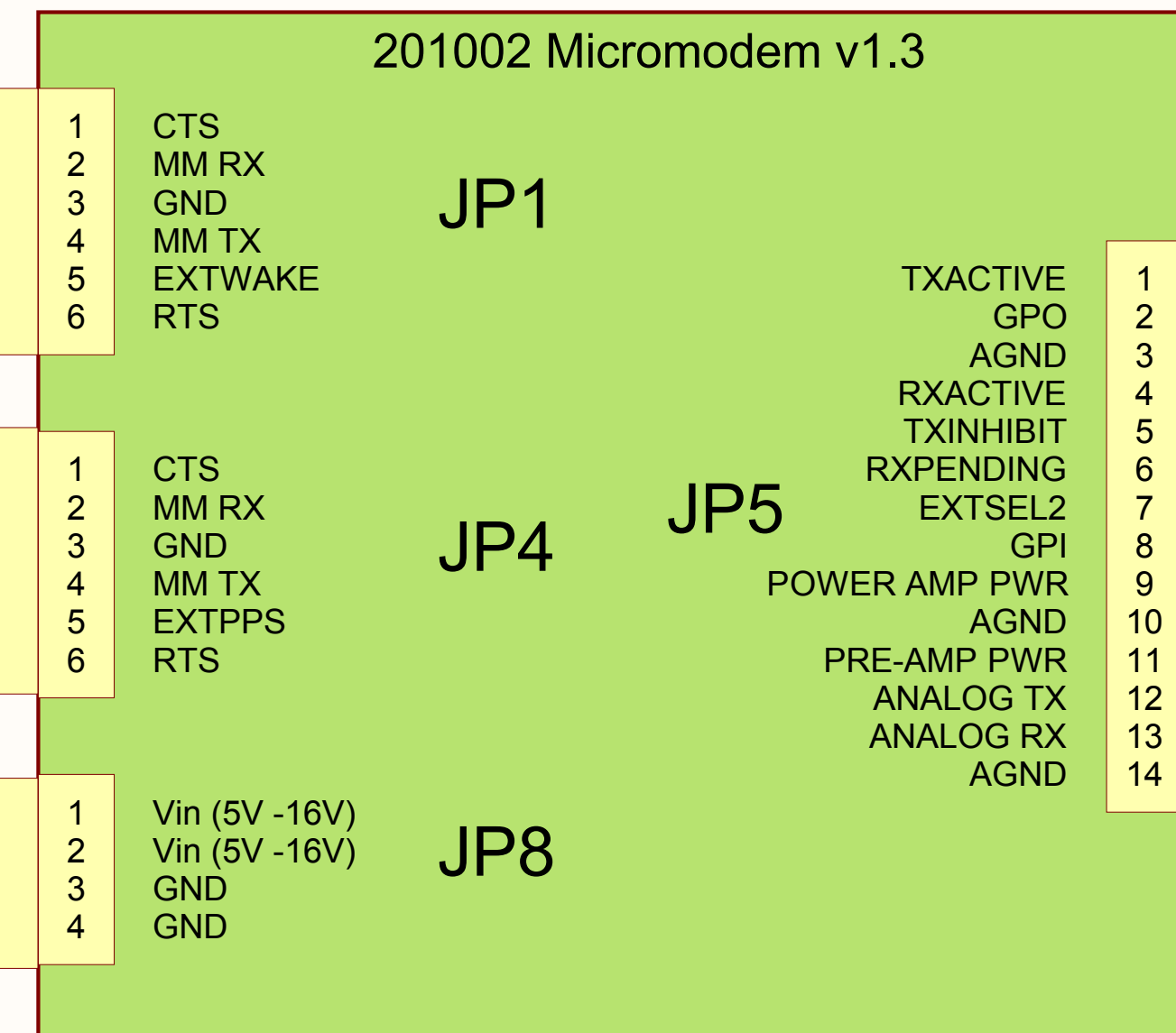
Impulse LPMBH-8-FS



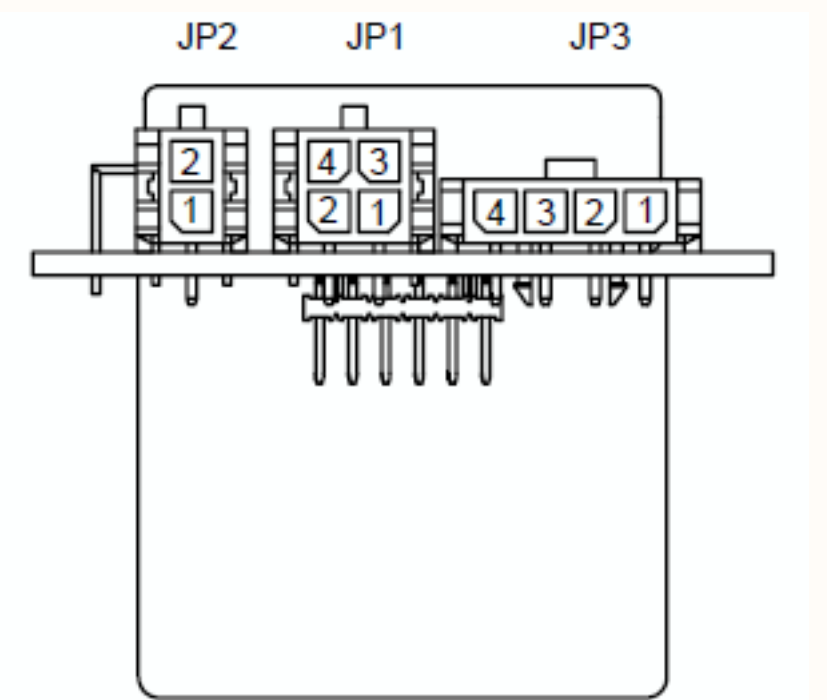
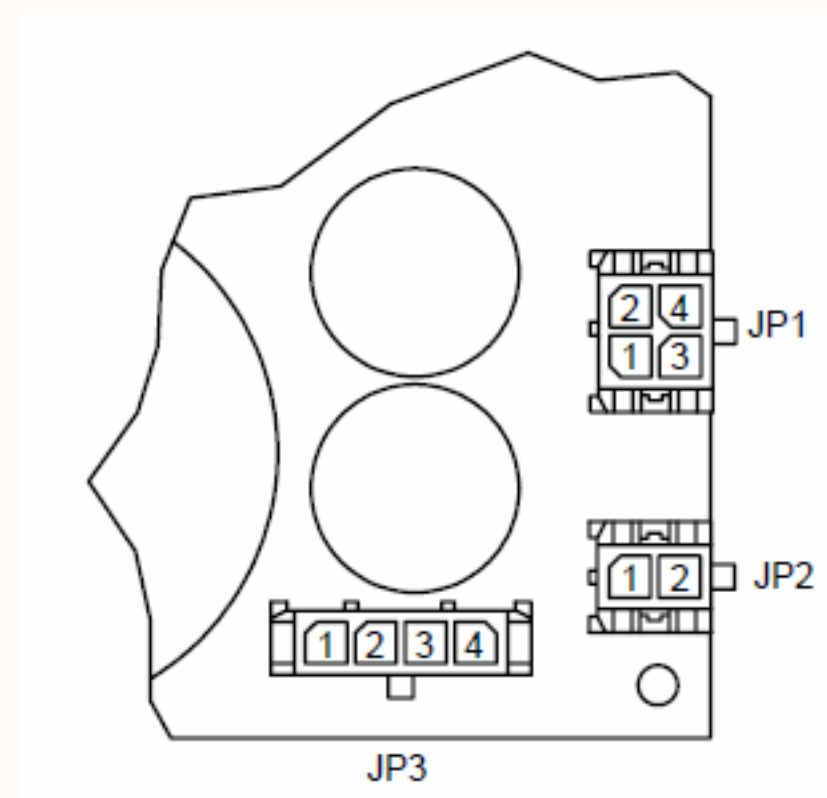
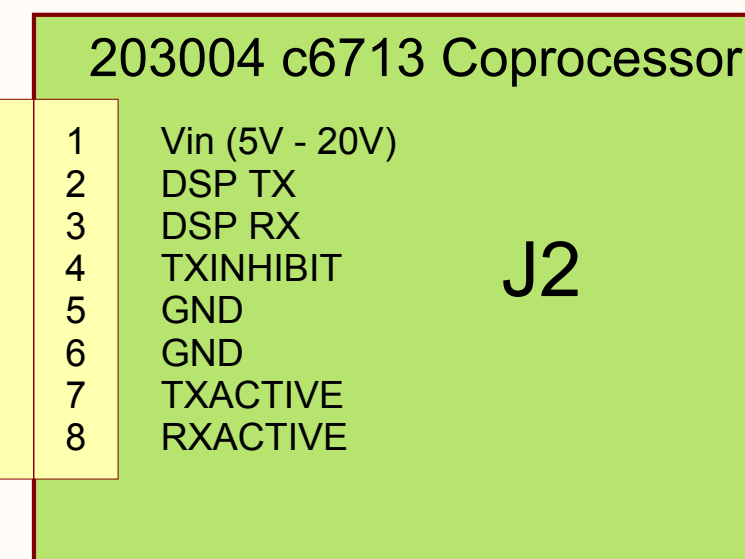
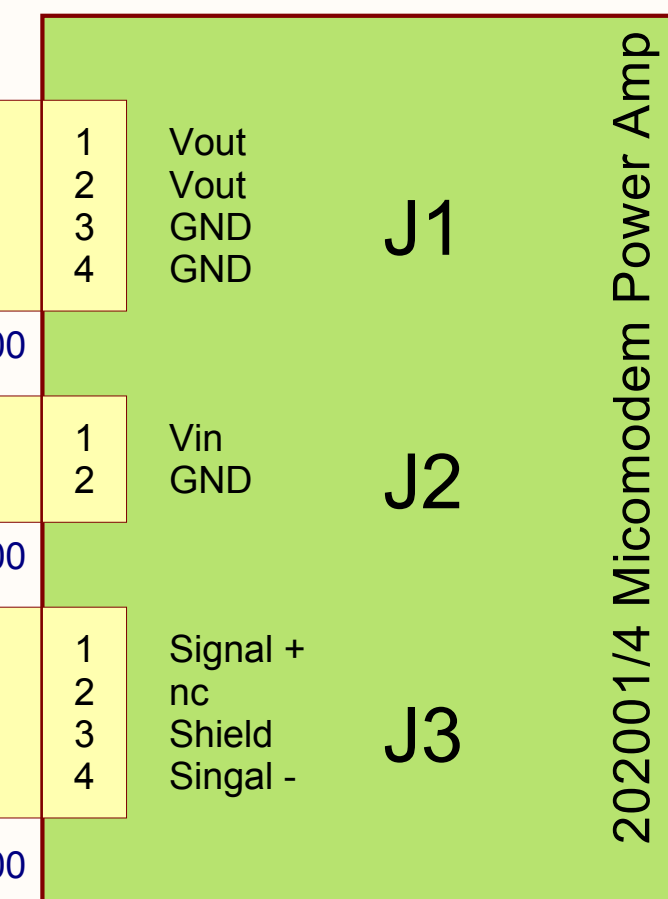
Molex MilliGrid 51110-2251

Molex MilliGrid 51110-2251

Molex MilliGrid 51110-0851



Molex MilliGrid 51110-1051



Notes:

1. All wires to be 24 AWG Teflon Insulate unless otherwise specified.
2. Wiring to be neatly routed inside of housing.
3. Group and twist wires as indicated.
4. Install crimped terminals in unused MilliGrid Receptacles

	Woods Hole Oceanographic Institution	
	86 Water Street Dept 4 MS 18 Woods Hole, MA 02543	
	Title: Typical Micromodem Integration	
	Drawing Number: 250004-SCH	
Cage Code: 88846	Drawn By: Keenan Ball	Rev: B
Date Drawn: 5/14/2009	Sheet 1 of 1	