

3 Device Configuration

For specific information related to device configuration on the AD5112 and ADM1191, please refer to the data sheets available at www.analog.com

Connector J1 – Control Pins		
Pin	Signal	Description
1,2	CONV	Trigger a conversion
3,4	\overline{ALERT}	Overcurrent or overvoltage event
Connector J2 – I2C Interface		
1,2	SCL	Serial Clock
3,4	SDA	Serial Data
5,6	GND	Ground
7,8	DVDD	Input Voltage
Connector J3 – Power Monitor Screw Terminal		
1	VIN	Input voltage of device to monitored
2	GND	Ground
3	VOUT	Voltage supplied to device being monitored

Table 1. Connector descriptions.

Jumper	Setting	Description
JP1	1	ADM1191 Address bit 3 and 2 set to 0b00
	3	ADM1191 Address bit 3 and 2 set to 0b01
	OFF	ADM1191 Address bit 3 and 2 set to 0b10
JP2	1	ADM1191 Address bit 1 and 0 set to 0b00
	3	ADM1191 Address bit 1 and 0 set to 0b01
	OFF	ADM1191 Address bit 1 and 0 set to 0b10

Table 2. Jumper descriptions.