

Connector	IMU2 Goes to Pin	IMU3 Goes to Pin	IMU4 Goes to Pin
Conn1-1	input +5V	input +5V	input +5V
Conn1-2	GND	GND	GND
Conn1-3	ADXL pin 4 (self test)	ADXL pin 4 (self test)	ADXL pin 4 (Self Test)
Conn1-4	ADXL pin 6 (Xout)	ADXL pin 6 (Xout)	ADXL pin 6 (Xout)
Conn1-5	MMA7331L pin 2 (Xout)	MMA7331L pin 2 (Xout)	BMA145 pin 8 (Zout)
Conn1-6	MMA7331L pin 3 (Yout)	MMA7331L pin 3 (Yout)	BMA145 pin 10 (Yout)
Conn1-7	MMA7331L pin 4 (Zout)	MMA7331L pin 4 (Zout)	BMA145 pin 12 (Xout)
Conn1-8	<i>ISZ-650 pin 14 (Z4.5out)</i>	<i>LPY4150 pin 14 (4xOUTX)</i>	LPR450 pin 14 (4xOUTY)
Conn1-9	<i>ISZ-650 pin 20 (Zout)</i>	<i>LPY4150 pin 20 (OUTX)</i>	LPR450 pin 20 (OUTY)
Conn1-10	input +3.3V	input +3.3V	input +3.3V
Conn2-1	GND	GND	GND
Conn2-2	<i>IDG-650 pin 23 (Ptats)</i>	<i>LPY4150 pin 1 (OUTZ)</i>	LPR450 pin 1 (OUTX)
Conn2-3	<i>IDG-650 pin 20 (Yout)</i>	<i>LPY4150 pin 7 (4xOUTZ)</i>	LPR450 pin 7 (4xOUTX)
Conn2-4	<i>IDG-650 pin 1 (Xout)</i>	<i>LPR4150 pin 1 (OUTX)</i>	LPY450 pin 1 (OUTZ)
Conn2-5	<i>IDG-650 pin 7 (X4.5out)</i>	<i>LPR4150 pin 7 (4xOUTX)</i>	LPY450 pin 7 (4xOUTZ)
Conn2-6	<i>IDG-650 pin 14 (Y4.5out)</i>	<i>LPR4150 pin 14 (4xOUTY)</i>	LPY450 pin 14 (4xOUTX)
Conn2-7	<i>ISZ-650 pin 24 (Ptats)</i>	<i>LPR4150 pin 20 (OUTY)</i>	LPY450 pin 20 (OUTX)
Conn2-8	MMA7331L pin 7 (sleep_bar)	MMA7331L pin 7 (sleep_bar)	BMA145 pin 2 (Self Test)
Conn2-9	MMA7331L pin10 (g-sel)	MMA7331L pin10 (g-sel)	BMA145 pin 5 (Sel.0)
Conn2-10	MMA7331L pin13 (self-test)	MMA7331L pin13 (self-test)	BMA145 pin 7 (Sel.1)