

The World Leader in High Performance Signal Processing Solutions



iSensor[®]

ADIS1636x/PCB and ADIS1640x/PCB – Prototyping Tips



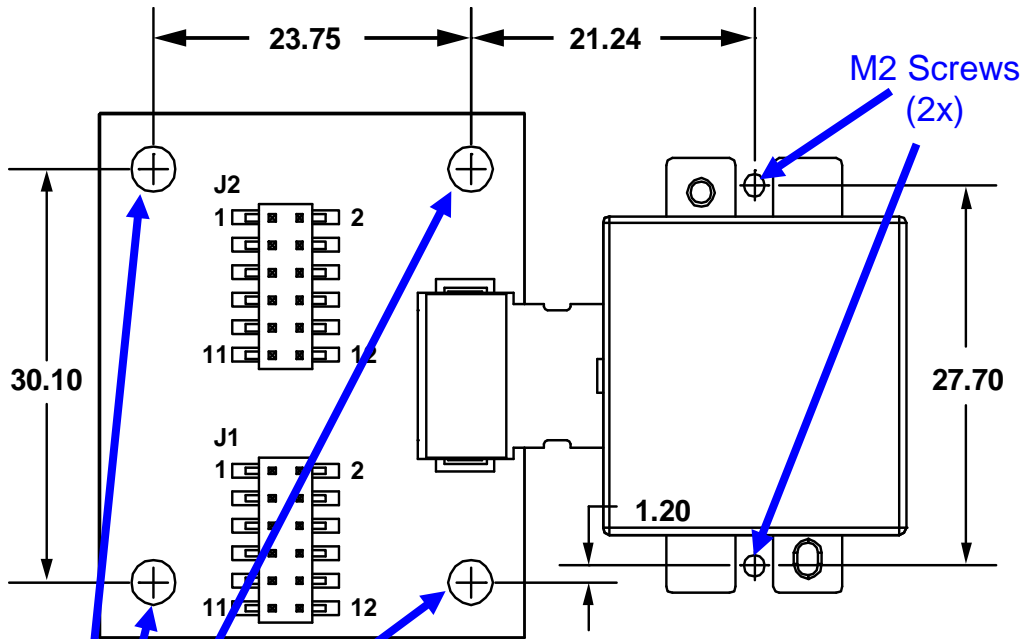
Mark Looney
iSensor[®] Applications Engineer
June 2011



iSensor[®] The Simple Solution for Sensor Integration

ADIS1636x/PCBZ and ADIS1640x/PCBZ Prototyping Ideas

ADIS1640x/PCBZ Mounting & Connection Diagram



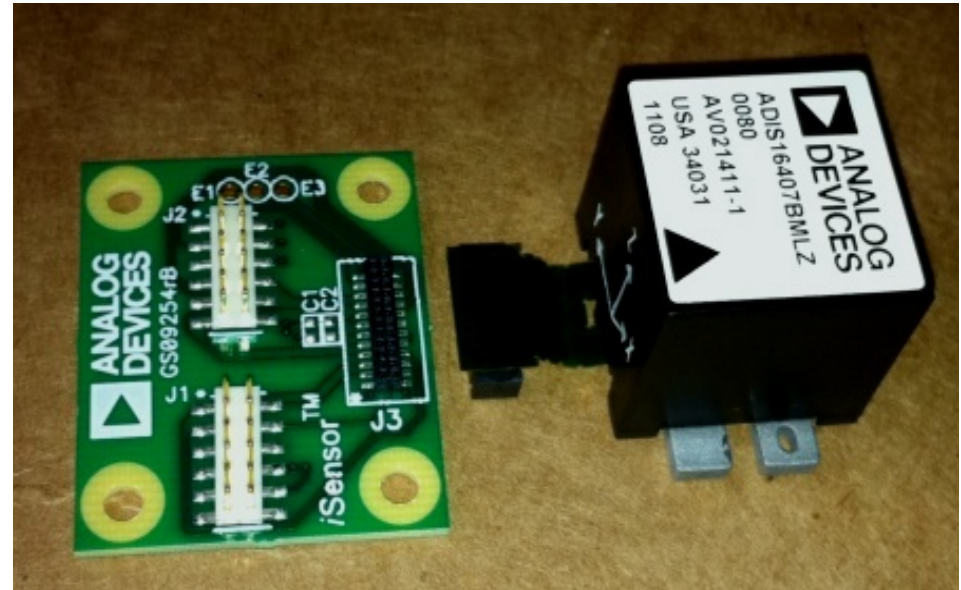
NOTES
1. DIMENSIONS IN MILLIMETERS.

M3 or 4-40
Screws (4x)

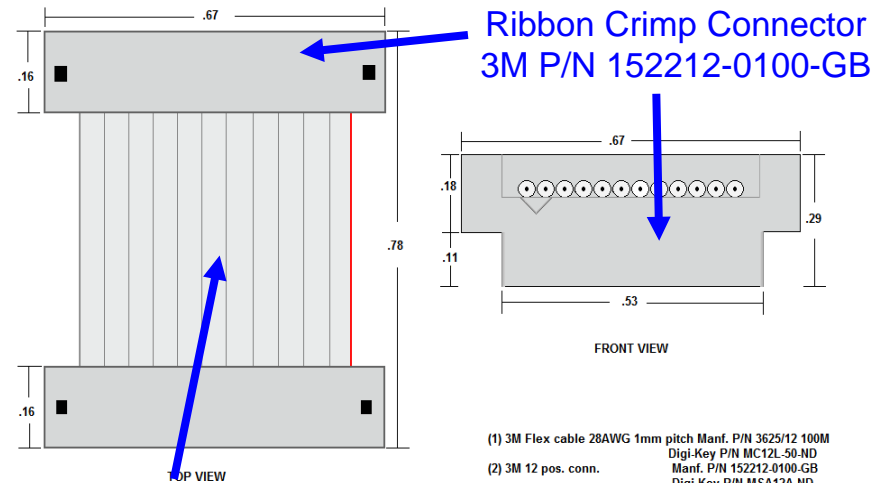
J1/J2 Pin Assignments

J1		J2	
RST	1	2	SCLK
CS	3	4	DOU3
DNC	5	6	DIN
GND	7	8	GND
GND	9	10	VCC
VCC	11	12	VCC

J1		J2	
DNC	1	2	GND
DNC	3	4	DIO3
GND	5	6	DIO4
DNC	7	8	DNC
DNC	9	10	DNC
DIO2	11	12	DIO1



J1/J2 Ribbon Cable Interface Parts



(1) 3M Flex cable 28AWG 1mm pitch Manf. P/N 3625/12 100M
Digi-Key P/N MC12L-50-ND
(2) 3M 12 pos. conn. Manf. P/N 152212-0100-GB
Digi-Key P/N MSA12A-ND

*All dimensions in inches



◆ Contacts:

● Applications Engineer:

Mark Looney

mark.looney@analog.com

1-336-605-4139

● Marketing:

Bob Scannell

bob.scannell@analog.com

1-336-605-4031

More Information on *iSensor*[®] Evaluation Tools:

● www.analog.com/isensor-evaluation