

KX023-1025 Evaluation Board

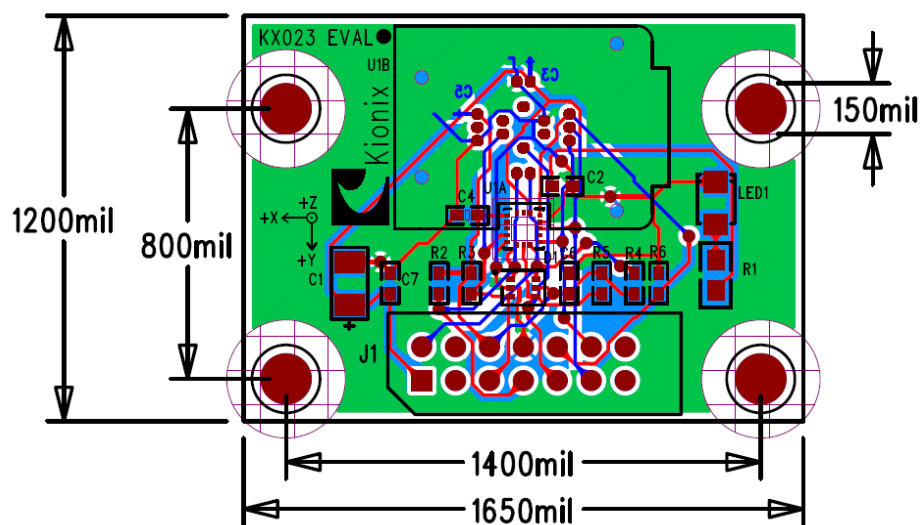


Part Number: EVAL-KX023-1025

- Range: 2g, 4g, 8g, User-selectable
- Sensitivity: 64, 32, 16 (8-bit), 16384, 8192, 4096 (16-bit)
- Temperature (°C): -40 to +85

PLEASE SEE THE FOLLOWING PAGES FOR THE BOARD LAYOUT AND SCHEMATIC

KX023 Evaluation Board R57 Layout and Pin Description



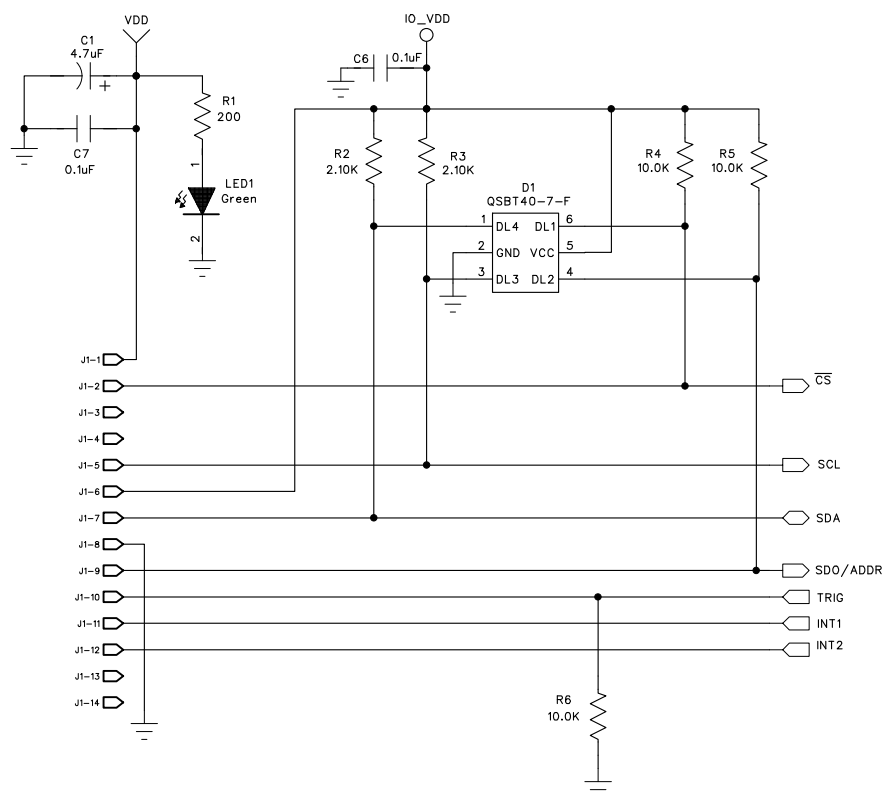
J1 Connector Pin Description	
pin 1	VDD
pin 2	nCS
pin 3	DNC
pin 4	DNC
pin 5	SCL
pin 6	IO_VDD
pin 7	SDA
pin 8	GND
pin 9	SDO/ADDR
pin 10	TRIG
pin 11	INT1
pin 12	INT2
pin 13	DNC
pin 14	DNC

D

C

B

A



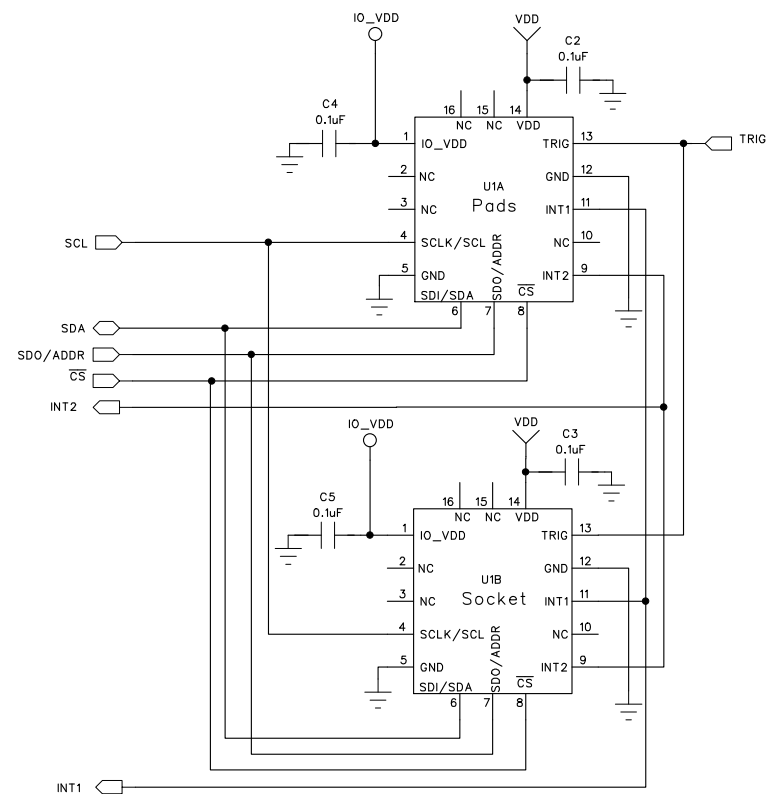
NOTES:

- 1) All resistors are 1%, 1/10W, 0603 unless otherwise specified.
- 2) All capacitors are 0.1uF, 10%, 50V, 0603 unless otherwise specified.
- 3) U1 LGA: Populate C2 and C4.
U2 Socket: Populate C3 and C5; mounted on solder copper side.
- 4) U2 socket: Loranger, 03742 171 6218B.

3

2

1



D

C

B

A

COMPANY: Kionix Inc.				
TITLE: KX023 Evaluation Board				
DRAWN: Bob Ross	DATED: 3/14/13	CODE: DWG861	SIZE: B	DRAWING NO: KAMMDM001R57
CHECKED:	DATED:	SCALE: NONE	REV: 0	SHEET: 1 OF 2
QUALITY CONTROL:	DATED:			
RELEASED:	DATED:			

[illegible]