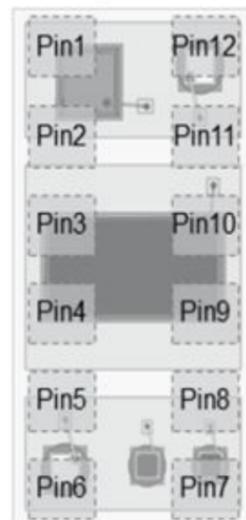


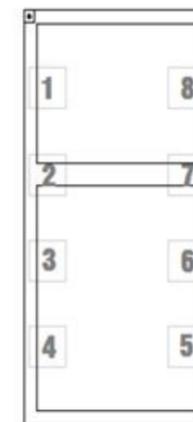
Pin	Name	Function
1	BPC	Broadband photodiode cathode
2	BPA	Broadband photodiode anode
3	IPC	IR-Cut photodiode cathode
4	IA	Infrared LED anode
5	G1A	Green LED 1 anode
6	G1C	Green LED 1 cathode
7	RA	Red LED anode
8	RC	Red LED cathode
9	IC	Infrared LED cathode
10	IPA	IR-Cut photodiode anode
11	G2A	Green LED 2 anode
12	G2C	Green LED 2 cathode



Top View



Pin Number	Component	Pole
1	PD	Anode
2	LED3	Anode
3	LED2	Cathode
4	LED2	Anode
5	LED1	Cathode
6	LED1	Anode
7	LED3	Cathode
8	PD	Cathode



TOP VIEW



A

A

PCB Number: TIDA-01580
PCB Rev: E1

PCB LOGO
Pb-Free Symbol

PCB LOGO
FCC disclaimer

PCB LOGO

PCB LOGO
Pb-Free Symbol

PCB LOGO
FCC disclaimer

PCB LOGO

Variant/Label Table	
Variant	Label Text
001	ChangeMe!
002	ChangeMe!

ZZ1
Label Assembly Note
This Assembly Note is for PCB labels only

ZZ2
Assembly Note
These assemblies are ESD sensitive, ESD precautions shall be observed.

ZZ3
Assembly Note
These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable.

ZZ4
Assembly Note
These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

B

B

C

C

D

D

Orderable: N/A	Designed for: Public Release	Mod. Date: 4/9/2018	 TEXAS INSTRUMENTS http://www.ti.com © Texas Instruments 2017
TID #: TIDA-01580	Project Title: Sensor Board		
Number: TIDA-01580	Rev: E1	Sheet Title: Hardware	
SVN Rev: Version control disabled	Assembly Variant: 001	Sheet: 2 of 2	
Drawn By: Sanjay Pithadia	File: TIDA-01580-E1-Sensor-Hardware.SchDoc	Size: B	
Engineer: Sanjay Pithadia	Contact: http://www.ti.com/support		

Texas Instruments and/or its licensors do not warrant the accuracy or completeness of this specification or any information contained therein. Texas Instruments and/or its licensors do not warrant that this design will meet the specifications, will be suitable for your application or fit for any particular purpose, or will operate in an implementation. Texas Instruments and/or its licensors do not warrant that the design is production worthy. You should completely validate and test your design implementation to confirm the system functionality for your application.