

Variant: 001
 Generated: 8/23/2018 2:47:04 PM
 TID #: TIDA-010002

TIDA-010002 REV E1 Bill of Materials



Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	!PCB	1		TIDA-010002	Any	Printed Circuit Board	
2	C1	1	0.1uF	GCM155L81E104KE02J	MuRata	CAP, CERM, 0.1 μ F, 50 V,+/- 10%, X8L, 0402	0402
3	D4, D5, D6	3		ESD351DPYR	Texas Instruments	1-Channel 30 kV ESD Protection Diode With Low Clamping Voltage in 0402 Package, DPY0002A (X1SON-2)	DPY0002A
4	LBL1	1		THT-14-423-10	Brady	Thermal Transfer Printable Labels, 0.650" W x 0.200" H - 10,000 per roll	PCB Label 0.650 x 0.200 inch
5	R3	1	0	CRCW04020000Z0ED	Vishay-Dale	RES, 0, 5%, 0.063 W, 0402	0402
6	U3	1		TMP116MAIDRVR	Texas Instruments	High-Accuracy, Low-Power, Digital Temperature Sensor With SMBus- and I2C-Compatible Interface, DRV0006B (WSON-6)	DRV0006B
7	D1, D2, D3	0		TPD1E04U04DPLR	Texas Instruments	1-Channel ESD Protection Diode With Low Dynamic Resistance for HDMI 2.0 and USB 3.0, DPL0002A (X2SON-2)	DPL0002A
8	J1, J2	0		TSM-102-01-L-SH	Samtec	Header, 2.54mm, 2x1, Gold with Tin Tail, R/A, SMT	Header, 2.54mm, 2x1, R/A, SMT
9	R4	0	0	CRCW04020000Z0ED	Vishay-Dale	RES, 0, 5%, 0.063 W, 0402	0402

IMPORTANT NOTICE AND DISCLAIMER

TI PROVIDES TECHNICAL AND RELIABILITY DATA (INCLUDING DATASHEETS), DESIGN RESOURCES (INCLUDING REFERENCE DESIGNS), APPLICATION OR OTHER DESIGN ADVICE, WEB TOOLS, SAFETY INFORMATION, AND OTHER RESOURCES "AS IS" AND WITH ALL FAULTS, AND DISCLAIMS ALL WARRANTIES, EXPRESS AND IMPLIED, INCLUDING WITHOUT LIMITATION ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS.

These resources are intended for skilled developers designing with TI products. You are solely responsible for (1) selecting the appropriate TI products for your application, (2) designing, validating and testing your application, and (3) ensuring your application meets applicable standards, and any other safety, security, or other requirements. These resources are subject to change without notice. TI grants you permission to use these resources only for development of an application that uses the TI products described in the resource. Other reproduction and display of these resources is prohibited. No license is granted to any other TI intellectual property right or to any third party intellectual property right. TI disclaims responsibility for, and you will fully indemnify TI and its representatives against, any claims, damages, costs, losses, and liabilities arising out of your use of these resources.

TI's products are provided subject to TI's Terms of Sale (www.ti.com/legal/termsofsale.html) or other applicable terms available either on ti.com or provided in conjunction with such TI products. TI's provision of these resources does not expand or otherwise alter TI's applicable warranties or warranty disclaimers for TI products.

Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265
Copyright © 2019, Texas Instruments Incorporated