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 TID #: TIDA-01066



TIDA-01066 REV B Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	IPCB1	1		TIDA-01066	Any	Printed Circuit Board	
2	BT1	1		BS-7	Memory Protection Devices	Battery Holder, CR2032, Retainer clip, TH	CR2032 holder
3	C1, C7	2	0.01uF	GRM155R71C103KA01D	MuRata	CAP, CERM, 0.01 $\mu$ F, 16 V, +/- 10%, X7R, 0402	0402
4	C2	1	330 uF	GRM32ER60G337ME05L	Murata	CAP, CERM, 330 $\mu$ F, 4 V, X5R, +/- 20%, 1210	1210
5	C3	1	10uF	C1608X5R0J106M	TDK	CAP, CERM, 10 $\mu$ F, 6.3 V, +/- 20%, X5R, 0603	0603
6	C4	1	1uF	C1608X7R1C105K	TDK	CAP, CERM, 1 $\mu$ F, 16 V, +/- 10%, X7R, 0603	0603
7	C5	1	0.1uF	C1005X7R1H104K050BB	TDK	CAP, CERM, 0.1 $\mu$ F, 50 V, +/- 10%, X7R, 0402	0402
8	C6	1	0.01uF	C1005X7R1C103K050BA	TDK	CAP, CERM, 0.01 $\mu$ F, 16 V, +/- 10%, X7R, 0402	0402
9	D1	1	Red	LS L29K-G1J2-1-Z	OSRAM	LED, Red, SMD	SMD, 2-Leads, Body 1.3x0.8mm
10	D2	1	Yellow	LY L29K-H1K2-26-Z	OSRAM	LED, Yellow, SMD	LED, 1.3x0.65x0.8mm
11	FID4, FID5, FID6	3		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial
12	J1	1		87898-0204	Molex	Header, 2.54 mm, 2x1, Gold, R/A, SMT	Header, 2.54 mm, 2x1, R/A, SMT
13	J2, J3	2		PPPC102LFBN-RC	Sullins Connector Solutions	Receptacle, 100mil, 10x2, Gold, TH	10x2 Receptacle
14	J4, J5	2		PBC03SAAN	Sullins Connector Solutions	Header, 100mil, 3x1, Gold, TH	PBC03SAAN
15	Q1, Q2	2	-20V	SI2323DS	Vishay-Siliconix	MOSFET, P-CH, -20 V, -3.7 A, SOT-23	SOT-23
16	R2, R6	2	0	CRCW08050000Z0EA	Vishay-Dale	RES, 0, 5%, 0.125 W, 0805	0805
17	R3	1	442	CRCW0805442RFKEA	Vishay-Dale	RES, 442, 1%, 0.125 W, 0805	0805
18	R4	1	487	CRCW0805487RFKEA	Vishay-Dale	RES, 487, 1%, 0.125 W, 0805	0805
19	SH-J1, SH-J4, SH-J5	3	1x2	969102-0000-DA	3M	Shunt, 100mil, Gold plated, Black	Shunt
20	TP2, TP3	2		5011	Keystone	Test Point, Multipurpose, Black, TH	Black Multipurpose Testpoint
21	U1, U2	2		DRV5032FBDBZR	Texas Instruments	Ultra-Low Power Digital-Switch Hall Effect Sensor, DBZ0003A	DBZ0003A
22	FID1, FID2, FID3	0		N/A	N/A	Fiducial mark. There is nothing to buy or mount.	Fiducial
23	R1, R5	0	1.0Meg	CRCW08051M00JNEA	Vishay-Dale	RES, 1.0 M, 5%, 0.125 W, 0805	0805
24	TP1, TP4	0		5004	Keystone	Test Point, Miniature, Yellow, TH	Yellow Miniature Testpoint

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