

TIDA-050018 REV A Bill of Materials

Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
IPCB1	1		TIDA-050018	Any	Printed Circuit Board	
BT1	1		1020	Keystone	HOLDER BATTERY AAA, SMT	HOLDER BATTERY AAA, SMT
C1, C2, C3	3	10uF	GRM188R60J106ME47D	MuRata	CAP, CERM, 10 uF, 6.3 V, +/- 20%, X5R, 0603	0603
D1, D2	2	Red	LS L29K-G1J2-1-Z	OSRAM	LED, Red, SMD	SMD, 2-Leads, Body 1.3x0.8mm
J1, J2	2		PPPC102LFBN-RC	Sullins Connector Solutions	Receptacle, 100mil, 10x2, Gold, TH	10x2 Receptacle
L1	1	4.7uH	1239AS-H-4R7M=P2	MuRata Toko	Inductor, Shielded, Ferrite, 4.7 uH, 1.3 A, 0.2 ohm, SMD	2.5x1.2x2mm
R1, R2, R3	3	2.21k	RC0603FR-072K21L	Yageo	RES, 2.21 k, 1%, 0.1 W, 0603	0603
U1, U3	2		DRV5032FBDBZR	Texas Instruments	Ultra-Low Power Digital-Switch Hall Effect Sensor, DBZ0003A (SOT-23-3)	DBZ0003A
U2	1		TPS610985DSER	Texas Instruments	Ultra-Low Quiescent Current Synchronous Boost with Integrated LDO/Load, DSE0006A (WSON-6)	DSE0006A

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Mailing Address: Texas Instruments, Post Office Box 655303, Dallas, Texas 75265
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