Texas Instruments

TIDA-01624 REV E Bill of Materials

Item #	Designator	Quantity	Value	PartNumber	Manufacturer	Description	PackageReference
1	!PCB1	1		TIDA-01624	Any	Printed Circuit Board	
2	BATT	1		MS621FE-FL11E	SeikoInstruments	MS Lihium Rechargeable Battery, 3 V, -20 to 60 degC, Tray	
3	C1, C2, C3, C4, C5, C7, C13	7	0.1uF	GRM033C71A104KE14D	MuRata	CAP, CERM, 0.1 uF, 10 V,+/- 10%, X7S, 0201	0201
4	C6, C8	2		GRM188Z71A106KA73D	Murata	Chip Multilayer Ceramic Capacitors for General Purpose	0603
5	C9	1	1µF	GRM155Z71A105KE01D	Murata	Chip Multilayer Ceramic Capacitors for General Purpose, 0402, 1.0uF, X7R, 15%, 10%, 10V	0402
6	C12, C14	2		GRM0335C1H1R5BA01J		Chip Multilayer Ceramic Capacitors for General Purpose, 0201, 1.5pF, C0G, 30ppm/°C, 0.1pF, 50V	
7	E1	1		ANTENNA_IIFA	N/A	PCB Antenna. There is nothing to buy or mount.	PCB Antenna, 2-Leads
8	L1	1		LQM18DN100M70L		Multilayer type Inductor for Power Lines 10uH ±20% @1MHz, 300mA, Max DCR 1.365Ω, SRF 32MHz	
9	L2	1	2.8nH	LQP03TN2N8B02J	Murata	Film type RF Inductor 2.8nH ±0.1nH 500mA 0.2Ω 0201 (0603)	0201 (0603)
10	R1	1	0	RC0402JR-070RL	Yageo America	RES, 0, 5%, 0.063 W, 0402	0402
11	R2, R3	2	6.98k	RC0201FR-7D6K98L	Yageo America	RES, 6.98 k, 1%, 0.05 W, 0201	0201
12	R4	1	2.40k	ERJ-2RKF2401X	Panasonic	RES, 2.40 k, 1%, 0.1 W, AEC-Q200 Grade 0, 0402	0402
13	R5	1	100k	RC0201JR-7D100KL	Yageo America	RES, 100 k, 5%, 0.05 W, 0201	0201
14	R6	1	0	CRCW02010000Z0ED	Vishay-Dale	RES, 0, 5%, 0.05 W, 0201	0201
15	S1	1		TL3780AF330QG	E-Switch	Switch, SPST-NO, 0.05 A, 12 VDC, SMT	3x2mm
16	U1	1		TMP119AIYBGR	Texas Instruments	High-Accuracy, Low-Power, Digital Temperature Sensor With SMBus™- and I2C-Compatible Interface	DSBGA6
17	U2	1		CC2340R53E0YBGR	Texas Instruments	Family SimpleLink™ Wireless MCU, DSBGA28	DSBGA28
18	Y1	1		TZ3908AAAO43	TAI-SAW Thechnology	Crystal Unit SMD 2.0x1.6 48.0MHz	SMT4_2MM05_1MM65

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