

Index	Quantity	Designator	Footprint	Comment	Description	Digikey Code	Manufacturer	Manufacturer Part Number
2	1	C2	CAPACITOR_SMD_0603	1u	CAP CER 1UF 16V X5R 0603	490-10479-1-ND	Murata Electronics North America	GRM188R61C105KA12D
12	1	C13	CAPACITOR_SMD_0402	100n	CAP CER 0.1UF 16V X7R 0402	490-3261-1-ND	Murata Electronics North America	GRM155R71C104KA88D
37	1	C41	CAPACITOR_SMD_0201	10n	CAP CER 10000PF 10V X7R 0201	490-3194-1-ND	Murata Electronics North America	GRM033R71A103KA01D
41	1	C45	CAPACITOR_SMD_0603	10u	CAP CER 10UF 16V X5R 0603	490-10728-1-ND	Murata Electronics North America	GRM188R61C106KAALD
45	1	D1	LED_TRI-BLUE-GREEN-R	TRI LED	TRI COLOR LED	67-2125-1-ND	Lumex Opto/Components Inc.	SML-LX0404SIUPGUSB
46	1	D2	LED_APFA2507QBDSEEZ	APFA2507QBDSEEZGKC	2.5 x 0.7 mm Right Angle SMD Chip LED Lamp	754-1978-1-ND	Kingbright	APFA2507QBDSEEZGKC
47	1	J1	MOLEX_503566-2500	MOLEX 5035662500	MOLEX 5035662500 25pos FFC Connector. Bottom contact	WM8977TR-ND	Molex, LLC	5035662500
51	1	J8	JAE_DX07S024JJ3R1300	DX07S024JJ3R1300	top mount dual row SMT receptacle, 24 position, non-shielded, 1300 pcs/reel	670-2846-2-ND	JAE Electronics	DX07S024JJ3R1300
55	1	L3	INDUCTOR_0806	4u7	INDUCTOR 4.7UH 1.5A 160 mOHM		Murata	DFE201610E-4R7M=P2
56	1	MOD1	PAN1326B-BLUETOOTH	PAN1326B	BLUETOOTH PAN1326B CC2564B HCI A	P16860CT-ND	Panasonic Electronic Components	ENW-89823A3KF
58	1	R2	RESISTOR_SMD_0201	39K	RES SMD 39K OHM 1% 1/20W 0201	P39.0KABDKR-ND	Panasonic Electronic Components	ERJ-1GEF3902C
61	1	R7	RESISTOR_SMD_0201	10R	RES SMD 10 OHM 1% 1/20W 0201	P10.0ABCT-ND	Panasonic Electronic Components	ERJ-1GEF10R0C
69	1	R18	RESISTOR_SMD_0201	4K7	RES SMD 4.7K OHM 1% 1/20W 0201	P4.70KABCT-ND	Panasonic Electronic Components	ERJ-1GEF4701C
70	1	R21	RESISTOR_SMD_0201	499R	RES SMD 499R 5% 1/20W 0201	P499ABCT-ND	Panasonic Electronic Components	ERJ-1GEF4990C
71	1	RT1	RESISTOR_SMD_0201	10K NTC	NTC THERMISTOR 10K OHM 1% 0201	490-11806-1-ND	Murata	NCP03XH103F05RL
72	1	S1	434153017835	434153017835	3.5x2.9mm SMD J-Bend WS-TASV, height 1.7 mm, 350 gf	732-10143-1-ND	Würth Elektronik	434153017835
73	1	S2	EVPA0102K	EVP-AA102K	Tactile Switch SPST-NO Top Actuated Surface Mount SWITCH TACTILE SPST-NO 0.02A 15V	P15197CT-ND	Panasonic Electronic Components	EVP-AA102K
77	1	U4	WSON8_6x8	MX25U51245GZ4I54	FLASH - NOR Memory IC 512Mb (64M x 8) SPI - Quad I/O, DTR 166MHz 8-WSON (8x6)	MX25U51245GZ4I54	Macronix	MX25U51245GZ4I54
78	1	U5	LGA14 3x2.5MM	BMI160	Inertial Measurement Unit, Low Power 14pin	828-1057-1-ND	Bosch Sensortec	BMI160
82	1	U9	DSBGA4_S-XBGA-N4_YZ	SN74LVC1G04YZVR	SN74LVC1G04 Single Inverter Gate	296-21055-1-ND	Texas Instruments	SN74LVC1G04YZVR
87	1	X1	CRYSTAL-ABS07	32.768KHz	CRYSTAL 32.768KHZ 6.0PF SMD	535-11898-1-ND	Abracon Corporation	ABS07-32.768KHZ-6-T
26, 33	2	C28, C36	CAPACITOR_SMD_0603	4u7	CAP CER 4.7UF 10V X5R 0603	490-10477-1-ND	Murata Electronics North America	GRM188R61A475KE15D
53, 54	2	L1, L2	0806INDUCTOR	2.2uH	INDUCTOR 2.2UH 1.5A 160 mOHM		Murata	DFM18PAN2R2MG0L
62, 68	2	R8, R14	RESISTOR_SMD_0201	3K3	RES SMD 3K3 OHM 5% 1/20W 0201	P3.3KAGCT-ND	Panasonic Electronic Components	ERJ-1GEJ332C
65, 67	2	R11, R13	RESISTOR_SMD_0201	5K1	RES SMD 5K1 OHM 1% 1/20W 0201	P5.1KAGCT-ND	Panasonic Electronic Components	ERJ-1GEJ512C
57, 59, 60	3	R1, R4, R5	RESISTOR_SMD_0201	10K	RES SMD 10K OHM 1% 1/20W 0201	P10.0KABCT-ND	Panasonic Electronic Components	ERJ-1GEF1002C
63, 64, 66	3	R9, R10, R12	RESISTOR_SMD_0201	1K	RES SMD 1K OHM 1% 1/20W 0201	P1.00KABCT-ND	Panasonic Electronic Components	ERJ-1GEF1001C
3, 5, 24, 36, 44	5	C3, C5, C26, C40, C48	CAPACITOR_SMD_0402	2u2	CAP CER 2.2UF 10V X5R 0402	490-10451-1-ND	Murata Electronics North America	GRM155R61A225KE95D
14, 15, 16, 17, 18, 19, 20	7	C16, C17, C18, C19, C20, C21, C22	CAPACITOR_SMD_0201	1u	CAP CER 1UF 10V X6S 0201	490-13219-1-ND	Murata Electronics North America	GRM033C81A105ME05D
1, 6, 7, 8, 9, 28, 34, 43	8	C1, C6, C7, C8, C9, C31, C38, C47	CAPACITOR_SMD_0603	22u	CAP CER 22UF 6.3V X5R 0603	490-7611-1-ND	Murata Electronics North America	GRM188R60J226MEA0D
4, 10, 11, 13, 21, 22, 23, 25, 27, 29, 30, 31, 32, 35, 38, 39, 40, 42	18	C4, C10, C11, C15, C23, C24, C25, C27, C29, C32, C33, C34, C35, C39, C42	CAPACITOR_SMD_0201	100n	CAP CER 0.1UF 10V X5R 0201	490-5881-1-ND	Murata Electronics North America	GRM033R61A104KE15D

MAXIM INTEGRATED PARTS

83, 84	2	U10, U11	UCSP4	MAX9062EBS	Ultra-Small, nanoPower Single Comparators in 4-Bump UCSP	MAX9062EBS+T-ND	Maxim Integrated	MAX9062EBS+T
85, 86	2	U12, U13	WLP4_0.35mm	MAX40200ANS+	Ultra-Tiny Micropower, 1A Ideal Diode with Ultra-Low Voltage Drop	MAX40200ANS+TCT-ND	Maxim Integrated	MAX40200ANS+
76, 79, 80	3	U3, U6, U7	WLP9	MAX14689EWL+T	Ultra-Small, Low-RON, Beyond-the-Rails DPDT Analog Switches	MAX14689EWL+T-ND	Maxim Integrated	MAX14689EWL+T
81	1	U8	UCSP6	MAX8532EBT2+	IC REG LINEAR 200MA 6-UCSP	MAX8532EBT2+-ND	Maxim Integrated	MAX8532EBT2+
74	1	U1	WLP100 4X4MM 0.4MM	MAX32630IWG+T	Ultra-Low Power Cortex-M4F Microcontroller for Rechargeable Devices	MAX32630IWG+TCT-ND	Maxim Integrated	MAX32630IWG+T
75	1	U2	WLP56 0.5MMP	MAX20303BEWN+	Wearable PMIC	MAX20303BEWN+-ND	Maxim Integrated	MAX20303BEWN+

48	1	J2	SOLDERPAD_THD	BAT+	PCB Pad	Not a component	Not a component	Not a component
49	1	J3	SOLDERPAD_THD	BAT-	PCB Pad	Not a component	Not a component	Not a component