

Designator	Description	Qty	Manufacturer	Manufacturer Part Number
C1, C3	CAP CER 1UF 6.3V X5R 0402	2	Murata Electronics North America	GRM152R60J105ME15D
C2, C4, C5, C7, C9, C10 (DNI), C11 (DNI), C12, C15, C16	CAP CER 0.1UF 16V X7R 0402	8	Murata Electronics North America	GRM155R71C104KA88D
C6, C8, C14, C17	CAP CER 10UF 16V X5R 0603	4	Murata Electronics North America	GRM188R61C106KAALD
C13	Tantal Size B Capacitor 10UF	1	AVX Corporation	TAJB106K010TNJ
J1	Header, 16-Pin - Single Row Male 2.54mm	1	Sullins Connector Solutions	PPTC161LFBN-RC
J3	Header, 12-Pin - Single Row Male 2.54mm	1	Sullins Connector Solutions	PPTC121LFBN-RC
J2	IDC BOX HEADER 0.050 10 POS	1	CNC Tech	3220-10-0300-00
R1	RES SMD 10K OHM 1% 1/10W 0402	1	Panasonic Electronic Components	ERJ-2RKF1002X
R2, R3, R4, R5, R7	RES SMD 4.7K OHM 1% 1/10W 0402	5	Panasonic Electronic Components	ERJ-2RKF4701X
R6	RES SMD 10M OHM 5% 1/10W 0402	1	Panasonic Electronic Components	ERJ-2GEJ106X
R8	RES SMD 10 OHM 5% 1/5W 0402	1	Panasonic Electronic Components	ERJ-PA2J100X
R9	RES SMD 0 OHM JUMPER 1/10W 0402	1	Panasonic Electronic Components	ERJ-2GE0R00X
X1	CRYSTAL 32.7680KHZ SMD	1	Abracon Corporation	ABS06-107-32.768KHZ-T
U4	ACCELEROMETER 2-8G I2C/SPI 12LGA	1	Kionix Inc.	KX122-1037
U5 (DNI)	LIS2DHTR ACCEL 2-16G I2C/SPI 14LGA	0	St Microelectronics	LIS2DHTR
L1	0603 SMD Inductor/Ferrite Bead	1	Murata	MFD160810-2R2M
U1	Low Power ARM Cortex-M4 with FPU-Based SOC for Wearable Sensors	1	Maxim Integrated	MAX32664GWEA+
U2	MAX30101 High-Sensitivity Pulse Oximeter and Heart-Rate Sensor for Wearable Health	1	Maxim Integrated	MAX30101EFD+
U3	400mV to 5.5V Input, nanoPower Synchronous Boost Converter with True Shutdown	1	Maxim Integrated	MAX17222ENT+T