

Number of boards

Item#	Quantity	Designator	Manufacture Name
1	7	C16, C17, C18, C19, C20, C21, C22	Samsung Electro-Mechanics America, Inc
2	1	C2	TDK Corporation
3	5	C4, C13, C14, C15, C23	TDK Corporation
4	7	C1, C3, C5, C9, C10, C11, C12	TDK Corporation
5	1	C6	Murata Electronics North America
6	2	C7, C8	TDK Corporation
7	1	CN1	FCI
8	1	CN2	Molex
9	1	D1	Lumex Opto/Components Inc.
10	1	FB1	Murata Electronics North America
11	0	J1	
12	1	J2	JST Sales America Inc.
13	0	J3	
14	1	J4	Samtec Inc
15	2	L1, L2	Würth Electronics
16	1	MOD1	Panasonic Electronic Components
17	1	Q1	Diodes Inc.
18	1	R1	Panasonic Electronic Components
19	0	R6, R11	
20	1	R14	Panasonic Electronic Components
21	1	R2	Panasonic Electronic Components
22	0	R3	
23	2	R4, R7	Panasonic Electronic Components
24	1	R5	Panasonic Electronic Components
25	2	R8, R13	Panasonic Electronic Components
26	3	R9, R10, R12	Panasonic Electronic Components
27	2	RP1, RP2	CTS Resistor Products
28	1	RT1	Murata Electronics North America
29	0	S1,S2,S3,S4,S5,S6,S7	
30	2	SW1, SW2	Panasonic Electronic Components
31	0	TP1,TP2,TP3,TP4,TP5	
32	1	U1	Maxim Integrated
33	1	U2	Maxim Integrated
34	1	U3	Maxim Integrated
35	0	U4	Macronix
36	1	U5	Maxim Integrated
37	1	U6	Bosch Sensortec
38	1	X1	Abracon LLC

Part Number	Description	Vendor
CL05A105KQ5NNNC	CAP CER 1UF 6.3V 10% X5R 0402	Digikey
CGA4J3X5R1V225K125AB	CAP CER 2.2UF 35V X5R 0805	Digikey
CGA2B1X7R1C104K050BC	CAP CER 0.1UF 16V X7R 0402	Digikey
C1005X5R1V225M050BC	CAP CER 2.2uF 35V X5R 0402	Digikey
GRT21BR60J226ME13L	CAP CER 22UF 6.3V X5R 0805	Digikey
C1608X5R0J226M080AC	CAP CER 22UF 6.3V X5R 0603	Digikey
10103594-0001LF	USB MICRO B TOP MOUNT	Digikey
0475710001	CONN uSD Card push-pull	Digikey
SML-LX0404SIUPGUSB	TRI COLOR LED	Digikey
BLM18PG300SN1D	FERRITE BEAD 30 OHM 0603	Digikey
S2B-PH-K-S(LF)(SN)	2 Pin Battery Connector	Digikey
FTSH-105-01-L-DV-K	CONN HEADER 10POS DUAL .05" SMD	Digikey
74479276222C	INDUCTOR 2.2UH 1.6A 135 MOHM	Digikey
ENW-89823A3KF	BLUETOOTH PAN1326B CC2564B HCI A	Digikey
DMP2104LP-7	MOSFET P-CH 20V 1.5A 3-DFN	Digikey
ERJ-2RKF1003X	RES SMD 100K OHM 1% 1/10W 0402	Digikey
ERJ-2RKF2201X	RES SMD 2.2K OHM 1% 1/10W 0402	Digikey
ERJ-2RKF2002X	RES SMD 20K OHM 1% 1/10W 0402	Digikey
ERJ-2RKF10R0X	RES SMD 10 OHM 1% 1/10W 0402	Digikey
ERJ-2RKF4990X	RES SMD 499 OHM 1% 1/10W 0402	Digikey
ERJ-2RKF1002X	RES SMD 10K OHM 1% 1/10W 0402	Digikey
ERJ-2RKF3301X	RES SMD 3.3K OHM 1% 1/10W 0402	Digikey
746X101103JP	RESISTOR PACK 8 - BUSSED	Digikey
NCP15WF104F03RC	THERMISTOR 100K OHM NTC 0402 SMD	Digikey
EVP-AA202K	SWITCH TACTILE SPST-NO 0.02A 15V	Digikey
MAX32630IWG+	Ultra-Low Power Cortex-M4F Microcontroller	Maxim Inte
MAX14690NEWX+	PMIC - Wearable Charge-Management Solution	Maxim Inte
MAX13202EALT+	2 Channel +/- 30kv ESD Protection	Maxim Inte
<b>MX25U12835FZ2I-10G</b>	<b>SPI Serial EEPROM</b>	<b>Digikey</b>
DS28EL22Q+U	1-Wire SHA-256 secure authenticator + 2kbit EEPROM	Maxim Inte
BMI160	Inertial Measurement Unit, Low Power 14pin	Mouser
ABS07-32.768KHZ-6-T	CRYSTAL 32.768KHZ 6.0PF SMD	Digikey

Vendor Part Number
1276-1010-2-ND
445-12685-6-ND
445-5613-2-ND
445-9056-6-ND
490-12366-1-ND
445-8028-6-ND
609-4050-1-ND
WM9731CT-ND
67-2125-6-ND
490-1035-2-ND
455-1719-ND
SAM8799-ND
732-9716-6-ND
P16860DKR-ND
DMP2104LPDIDKR-ND
P100KLTR-ND
P2.20KLTR-ND
P20.0KLTR-ND
P10.0LTR-ND
P499LTR-ND
P10.0KLTR-ND
P3.30KLTR-ND
746X101103JPDKR-ND
490-4803-6-ND
P13348SDKR-ND
1092-1136-ND
262-BMI160
535-11898-6-ND