



Item #	mn Name Error:Manufa	#Column Name Error:Manufacturer No	Quantity	#Column Name Error:Note	Designator	Description	Footprint	Comment	LibRef
1			1		BT1	Multicell Battery	BAT-2	Battery	Battery
2			24		C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C23, C24	Capacitor (Semiconductor S1M Model)	1608[0603]	Cap Semi	Cap Semi
3			1		DISPLAY		Display shield	Sseed Studio Display Shield	Sseed Studio Display Shield
4			1		DS1	LED, Red 0603 (1608) 63mCd	TOSH-0603LED_RED_V	TLSU1008A(T04)	CMP-0444-00001-1
5			1		GPS		GPS bee	GPS Bee Sseedstudio	GPS Bee Sseedstudio
6			1		GPS_antenna		GPS_ant_dummy	GPS_ant_dummy	GPS_ant_dummy
7			1		IC1	Buck-Boost Voltage Converter with 1.8 to 5.5 V Input and 3.3 V Output, -40 to 85 degC, 10-Pin SON (DRC), Green (RoHS & no Sb/Br)	DRC10-2400X1650TP	TPS63001DRCR	CMP-0345-00006-1
8			1		IC2	Boost Voltage Converter with 2.3 to 5.5 V Input and 5 V Output, 6-Pin SON (DRV), Green (RoHS & no Sb/Br)	DRV6-1600X1000TP	TPS61240DRV1	CMP-0343-00063-1
9			1		J1	4 pin 6 contact headphone jack 3.5mm	Jack_6_socket	Jack_6	Jack_6
10			1		J2	USB 2.0 Standard Micro-USB Connector, Micro AB-Standard (Bottom Mount), 30 V AC, -30 to 85 degC, Right Angle, 5-Pin 7.5 x 5.6 x 2.8 mm SMD, RoHS, Reel	HIRO-ZX62D-AB-5P8_V	micro USB	CMP-1349-00001-1
11			2		JP3V3, JP5V	Header, 2-Pin, Right Angle	HDR1X2H	Header 2H	Header 2H
12			1		L1	Power Inductor, 2.2 µH, 1.45 lrms Max(A), SMD	BOUR-SRU2013-2R2Y-2_V	SRU2013-2R2Y	CMP-0462-00001-2
13			1		L2	Power Inductor, 2.2 µH, 1.45 lrms Max(A), SMD	BOUR-SRU2013-2R2Y-2_V	SRU2013-1R0Y	CMP-0462-00001-2
14			1		L3	SMD EMI Suppression Ferrite Bead WE-CBF HF, Z = 1000 Ohm	SMD-0603	742861210	CMP-0220-00121-1
15			4		M1, M2, M3, M4		MOUNTING_HOLE	mounting_hole	mounting_hole
16			1		PROG	Header, 4-Pin	HDR1X4	Header 4	Header 4
17			28		R1, R2, R3, R4, R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R17, R18, R20, R21, R22, R23, R24, R25, R26, R27, R110, R111, R112	Resistor	J1-0603	Res3	Res3
18			1		R16	Resistor	J1-0603	Should be 27R according to TI specs	Res3
19			3		R19, R28, R29	Resistor	J1-0603	h	Res3
20			1		rf		S2C XBEE	XBee ZigBee S2C surface mount	XBee ZigBee S2C surface mount
21			1		RX/TX	Header, 2-Pin	HDR1X2	Header 2	Header 2
22			1		S1	Switch	SPST-2	SW-PB	SW-PB
23			1		Temp		SI7050/3/4/5	SI7055	SI7055
24			1		U1	25 MHz Mixed Signal Microcontroller with 128 KB Flash, 8192 B SRAM and 63 GPIOs, -40 to 85 degC, 80-pin QFP (PN), Green (RoHS & no Sb/Br)	TI-PN80_N	MSP430F5529IPN	CMP-0365-00412-1
25			1		U2	Dual-Input USB/AC Adapter 1-Cell Li+ Battery Charger, 4.2 V Charger Voltage, 0.28 A DC Charging Current, 5-Pin SOT23 Package, Tape and Reel	MAXM-25-1_N	MAX1555EZK-T	CMP-0246-00653-1
26			1		U3	Push Button On / Off Controller with Voltage Monitoring, 12-pin SON (DD-12), -40 to 85 degC, Pb-Free	LT-DD-12_V	LTC2953DD-1#PBF	CMP-0482-00128-1
27			1		U4	PCA9515 I2C logic level converter	TSOP65P490X110-8N	PCA9515DP	PCA9515DP
28			2		U5, U6	Low-Capacitance + / - 15 kV ESD-Protection Array for High-Speed Data Interfaces, 2 Channels, -40 to +85 degC, 6-pin SON (DRY), Green (RoHS & no Sb/Br)	DRY6	TPD2E001DRYR	CMP-0326-00025-1
29			1		U7	64 Mbit SPI Serial Flash, 2.7 to 3.6 V, 80 MHz, -40 to 85 degC, 8-pin SOIC (S3A8), Tube	MCHP-SOIC-S3A8_M	SST25VF064C-80-4I-S3AE	CMP-0378-00064-1
30			1		X1	Epson FC - 12M	FC-12M	FC - 12M 32.768kHz crystal	FC - 12M 32.768kHz crystal
31						Resonator<p>		CSTCR4M00G15L99	
32					CSTCR_G15L	X2	MURATA-FILTER_CSTCR	Source: murata.co.jp	1