

Project name: Demo3

2017-11-16 14:13:42












Total parts	79
BOM Lines	31
Non-PartKeepr Parts	13
PartKeepr Parts	18
Parts without pricing info	13
Low Stock	2
BOM Cost	£6.03

















[Labels](#)





[Missing parts list](#)

[Understock items list](#)

[PartKeepr import](#)

References	Part	Description	Stock	Part Number	Location	Qty
BT2	KEystone103	Battery Holder, Coin-Cell 20 mm - Glass Filled Nylon	5	 #XYZ	 \$INBOX	1
BT1	JST-B2B-XH-A	Pin header, single-row straight 2-pin [JST] XH Series	50	 #XXXXX	 \$01-10	1
C3 C5 C16 C17 C18 C20 C21 C22	C_0805_0u1	Capacitor, 0805, 100nF ±10%, X7R, 50V	100	 #P6000	 \$04-02	8
C1 C2	EEEFT1C101AR	Non PartKeepr component	NA	NA	NA	2
C6 C7 C8 C9 C10 C11 C12 C13 C14 C15 C19	C_0805_10n	Capacitor, MLCC, 0805, 10nF, X7R, 10%, 50volts	25	 #U5000	 \$04-02	11
C4	C_0805_10u	Non PartKeepr component	NA	NA	NA	1
CON1	SD_Card[uSD]	Micro SD Card socket	2	 #R1000	 \$INBOX	1
D2 D3	1N4448W-7-F	Non PartKeepr component	NA	NA	NA	2
D1	L-93WEGW	Non PartKeepr component	NA	NA	NA	1
IC1	ATMEGA328P-AU	ATmega Series 20 MHz 32 KB Flash 2 KB SRAM 8-Bit Microcontroller - TQFP-32	5	NA	 \$INBOX	1
J2	Pin_Header_Straight_1x03_Pitch2.54mm	Non PartKeepr component	NA	NA	NA	1
J3	Pin_Header_Straight_1x05_Pitch2.54mm	Non PartKeepr component	NA	NA	NA	1
J4	Pin_Header_Straight_2x03_Pitch2.54mm	Non PartKeepr component	NA	NA	NA	1

J1	FC68127	Socket; Jack 3, 5mm; female; with two switches; ways: 4; THT; H: 5mm	0	NA	 \$INBOX	1
L1 L2 L3 L4 L5 L6 L7 L8 L9 L10 L11 L12 L13 L14 L15 L16	MPZ2012S101A	Ferrite Beads Multi-Layer Power 100Ohm 25% 100MHz 4A 20mOhm DCR 0805	20	 #H1000	 \$INBOX	16
Q1	MMBT3904LT1G	MMBT Series 40 V 200 mA SMT NPN Silicon General Purpose Transistor - SOT-23	0	NA	 \$INBOX	1
R3 R4 R10	R_0805_10k	Res Thick Film 0805 10K Ohm 5% 0.125W(1/8W) ±200ppm/°C Molded SMD Paper T/R	150	 #67000	 \$04-01	3
R5 R6 R7	R_0805_22k	Res Thick Film 0805 22K Ohm 5% 0.125W(1/8W) ±200ppm/°C Molded SMD Paper T/R	100	NA	 \$04-01	3
R11	R_0805_330R	Res Thick Film 0805 330 Ohm 5% 0.125W(1/8W) ±200ppm/°C Molded SMD Paper T/R	50	 #U2000	 \$04-01	1
R8 R9	R_0805_4k7	Non PartKeepr component	NA	NA	NA	2
R1 R2	R_0805_750R	Non PartKeepr component	NA	NA	NA	2
SW2 SW3	SKHHAJA010	Switch Tactile N.O. SPST Round Button PC Pins 0.05A 12VDC 0.98N Thru-Hole Bulk	25	 #S1000	 \$INBOX	2
SW1	JST-B2B-XH-A	Pin header, single-row straight 2-pin [JST] XH Series	50	 #XXXXXX	 \$01-10	1
U4	ADG407BPZ	Analog Multiplexer Dual 8: 1 28- Pin PLCC Tube	1	 #5000	 \$INBOX	1
U13	DS3231M+	Real Time Clock Serial 16-Pin SOIC W	5	NA	 \$INBOX	1
U12	Pin_Header_Straight_1x06_Pitch2.54mm	Non PartKeepr component	NA	NA	NA	1
U1	LF50ABDT-TR	Non PartKeepr component	NA	NA	NA	1

U14	MAX31855KASA	Temp Sensor Digital Serial (SPI) 8-Pin SOIC N T/R	2	 #B4000	 S00001	1
U2	MCP1703A-3302_SOT23	Non PartKeepr component	NA	NA	NA	1
U3 U5 U6 U7 U8 U9 U10 U11	JST-B2B-XH-A	Pin header, single-row straight 2-pin [JST] XH Series	50	 #XXXXXX	 \$01-10	8
Y1	Crystal_SMD_Abracon_ABM3B- 4pin_5.0x3.2mm	Non PartKeepr component	NA	NA	NA	1