

Goon Box Badge BOM									
Goon Box Pin									
Part	Qty	Reference	Part Number	Vendor Part Number	Link	Alt Link			
IR Receiver	1	U1	TSOP33438	TSOP33438-ND	https://www.digikey.com/product-detail/https://www.mouser.com/ProductDetail/Vishay-Semiconductors/TSOP33438?ac=%2b%2yFaduhwDk1yTdm3ywyGCI5ow5dA3H1taivcF1h%2F3kTA%3d%3d&utm_source=octopart&utm_medium=aggregator&utm_campaign=78-TSOP33438&utm_content=Vishay				
Resistor 0805 240	1	R1	RC0805JR-07240RL	311-240ARCT-ND	https://www.digikey.com/product-detail/en/yageo/RC0805JR-07240RL/311-240ARCT-ND/731234				
Red LED	1	D1	151051RS11000	732-5016-ND	https://www.digikey.com/product-detail/en/wurth-electronics-inc/151051RS11000/732-5016-ND/4490012				
Battery Holder	1	BT1	BAT-HLD-001	BAT-HLD-001-ND	https://www.amazon.com/product-detail/https://www.mouser.com/ProductDetail/712-BAT-HLD-001				
Tie Tack	1	N/A	N/A	N/A	https://www.amazon.com/Muddeje https://www.amazon.com/Butterfly-Clutch-Replacement-Length-Making/dp/B07289XGZ4/ref=pd_sbs_261_2?encoding=UTF8&pd_rd_i=B07289XGZ4&pd_rd_r=F8YPA281WBWCN97QBVS&pd_rd_w=uA1IL&pd_rd_wg=DcRMc&psc=1&refRID=FRYPA281WBWCN97QBVS				
PCB 35x50mm	1				www.allpcb.com				
Screwdriver									
Part	Qty				Link	Alt Link			
IR LED	1	D1	SFH 4045N	475-3047-1-ND	https://www.digikey.com/product-detail/en/osram-opto-semiconductors-inc/SFH-4045N/475-3047-1-ND/4380717				
LEDs (red)	8	D2,D3,D4,D5,D6,D7,D8,D9	LS T776-P2S1-1-Z	720-LS776-P2S1-1-Z	https://www.digikey.com/product-detail/en/osram-opto-semiconductors/LS-T776-P2S1-1-Z?q=sGAEPiMZZMuCm2JH8Gefar41A3gKdGeSUzxi2aAro%3d				
Resonator 8MHz	1	Y1	AWSCR-8.00CV-T	535-10004-1-ND	https://www.digikey.com/product-detail/en/abracon-ltd/AWSCR-8.00CV-T/535-10004-1-ND/2001627				
Battery Holder	1	BT1	BC12AAPC	BC12AAPC-ND	https://www.digikey.com/product-detail/en/mod-memory-protection-devices/BC12AAPC/BC12AAPC-ND/2438230				
attiny84a	1	U1	ATTINY84A-SSUR	ATTINY84A-SSURCT-ND	https://www.digikey.com/product-detail/en/microchip-technology/ATTINY84A-SSUR/ATTINY84A-SSURCT-ND/2774136				
Buzzer	1	BZ1	PKM13EPYH4000-A0	490-4698-ND	https://www.digikey.com/product-detail/en/murata-electronics-north-america/PKM13EPYH4000-A0/490-4698-ND/1219329				
Transistor NPN	1	Q1	MMBT2222AL1THTSA1	MMBT2222AL1THTSA1CT-ND	https://www.digikey.com/product-detail/en/on-semiconductor/MMBT2222AL1T3G/MMBT2222AL1T3GOSCT-ND/1967145				
Capacitor 0603 0.1uF	1	C1	CL10B104M08NNNC	1276-1031-1-ND	https://www.digikey.com/scripts/DkSearchDkusa.dll?Detail&temSeq=258767365&uq=636600916293556278				
Resistor LEDs/Transistor 0603 100	9	R6,R8,R9,R10,R11,R12,R13,R14,R15	RMCF0603FG100R	RMCF0603FG100RCT-ND	https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644				
On/Off Switch	1	SW1	J5202011JCON	OKN10723CT-ND	https://www.digikey.com/product-detail/en/c-k/J5202011JCON/OKN10723CT-ND/6137617				
Resistor IR LED 0603 10	2	R1,R7	RMCF0603FG100R	RMCF0603FG100RCT-ND	https://www.digikey.com/product-detail/en/yageo/RC0603JR-07100RL/311-100GRCT-ND/729644				
Resistor Touch Buttons 0603 10k	4	R2,R3,R4,R5	RC0603JR-0710KL	311-10KGRCT-ND	https://www.digikey.com/scripts/DkSearchDkusa.dll?Detail&temSeq=258767456&uq=636600928661943953				
PCB 25x150mm	1				www.allpcb.com				