

#	Reference	Qty	Value
1	BAT1	1	BS-7
2	Battery	1	3V
3	C1	1	10uF
4	C2	1	100uF
5	D1, D2	2	BLUE
6	Q1	1	2N3904
7	R1, R3	2	22k
8	R2	1	330k
9	R4	1	100k
10	R5	1	10k
11	R6, R7	2	100
12	S1	1	EG1218
13	U1	1	7555

Footprint	MPN	Price
digikey-footprints:Battery_Holder_Coin_2032_BS-7	BS-7	₹ 92.54
	CR2032	₹ 27.20
Capacitor_THT:CP_Radial_D5.0mm_P2.00mm	ECA-1HM-100	₹ 19.18
Capacitor_THT:CP_Radial_D6.3mm_P2.50mm	35ZLH100	₹ 27.51
LED_THT:LED_D3.0mm	OVLBB4C7	₹ 38.35
digikey-footprints:TO-92-3	2N3904BU	₹ 29.18
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal	CF14JT22K0	₹ 8.34
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal	CFR-25JT-52-330K	₹ 8.34
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal	CF14JT100K	₹ 8.34
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal	CF14JT10K0	₹ 8.34
Resistor_THT:R_Axial_DIN0207_L6.3mm_D2.5mm_P7.62mm_Horizontal	CF14JT100R	₹ 8.34
digikey-footprints:Switch_Slide_11.6x4mm_EG1218	EG1218	₹ 63.36
555Badge:ICM7555-PDIP	ICM7555IPAZ	₹ 77.53
<b>Total cost</b>		₹
<b>PCB fabrication cost</b>		₹
<b>Grand Total cost</b>		₹

Total Price

- ₹ 92.54
- ₹ 27.20
- ₹ 19.18
- ₹ 27.51
- ₹ 76.70
- ₹ 29.18
- ₹ 16.68
- ₹ 8.34
- ₹ 8.34
- ₹ 8.34
- ₹ 16.68
- ₹ 63.36
- ₹ 77.53

**471.58**  
**159.80**  
**631.38**

## Part Page

<https://www.digikey.in/en/products/detail/mpd-memory-protection-devices/BS-7/389447>

[https://www.amazon.in/Duracell-Specialty-Lithium-Suitable-wearables/dp/B08Y1TQ8K7/ref=sr\\_1\\_3?keywords=c](https://www.amazon.in/Duracell-Specialty-Lithium-Suitable-wearables/dp/B08Y1TQ8K7/ref=sr_1_3?keywords=c)

<https://www.digikey.in/en/products/detail/panasonic-electronic-components/ECA-1HM100/245037>

<https://www.digikey.in/en/products/detail/rubycon/35ZLH100MEFC6-3X11/3134256>

<https://www.digikey.in/en/products/detail/tt-electronics-optek-technology/OVLBB4C7/827109>

<https://www.digikey.in/en/products/detail/onsemi/2N3904BU/1413>

<https://www.digikey.in/en/products/detail/stackpole-electronics-inc/CF14JT22K0/1741350>

<https://www.digikey.in/en/products/detail/yageo/CFR-25JT-52-330K/9098602>

<https://www.digikey.in/en/products/detail/stackpole-electronics-inc/CF14JT100K/1741263>

<https://www.digikey.in/en/products/detail/stackpole-electronics-inc/CF14JT10K0/1741265>

<https://www.digikey.in/en/products/detail/stackpole-electronics-inc/CF14JT100R/1741261>

<https://www.digikey.in/en/products/detail/e-switch/EG1218/101726>

<https://www.digikey.in/en/products/detail/renesas-electronics-corporation/ICM7555IPAZ/821488>

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