

# Bill Of Materials for Chess Clock PCB

**Design Title** Chess Clock PCB  
**Author**  
**Document Number**  
**Revision**  
**Design Created** 12 March 2023  
**Design Last Modified** 17 March 2023  
**Total Parts In Design** 26

## 0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
Sub-totals:				£0.00

## 3 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
3	C1-C3	100n	RS-185-1575	£0.00
Sub-totals:				£0.01

## 7 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
7	R1-R7	4.3K	DigiKey- RC0402JR-074K3L	£0.08
Sub-totals:				£0.56

## 3 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	U1	PIC18F4520IPT	RS-866-8143	£7.42
1	U3	KPEG169	RS-171-0869	£0.69
1	U7	MCP2200ISS	RS-178-4994	£1.83
Sub-totals:				£9.94

## 0 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
Sub-totals:				£0.00

## 1 Diodes

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	D1		RS-173-2205	£0.11
Sub-totals:				£0.11

## 12 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	HC1	BLUETOOTH HC-06	PI-HUT-103295	£5.00
1	J1	ZX62AB5PA31	RS- 896-7419	£0.78
1	J2	SIL-100-04	RS-164-1613	£0.80
1	J3	27630402RP2	NorComp 27630402RP2	£0.17
1	LCD1	LM032L	RS- 177-5394	£8.50
6	SW1-SW6	SW-SPDT-MOM	RS-756-1524	£0.30
1	X1	12MHz	RS-144-1040	£0.23
Sub-totals:				£17.31

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Totals:				£27.94
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