

# Bill Of Materials for ESP Smartmeter Logger

**Design Title** ESP Smartmeter Logger  
**Author** FW  
**Document Number** 0.1  
**Revision** 1.0  
**Assembly Variant** STANDARD  
**Board** Display  
**Design Created** Sonntag, 12. Juni 2022  
**Design Last Modified** Donnerstag, 16. März 2023  
**Total Parts In Design** 18

## 4 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Unit Cost</u>
1	C1	10uF	1206_CAP	€0,025
1	C2	0.1uF	0603_CAP	€0,025
2	C3-C4	1uF	0603_CAP	€0,025
Sub-totals:				€0,100

## 8 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Unit Cost</u>
6	R1-R6	0	0603_RES	€0,000
2	R7-R8	10k	0603_RES	€0,010
Sub-totals:				€0,020

## 1 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Unit Cost</u>
1	U1	TFT DISPLAY	TFT 1.77INCH	€3,000
Sub-totals:				€3,000

## 2 Connectors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Unit Cost</u>
1	J1	CONN-SIL8	CONN-SIL8	€0,100
1	J2	CONN-SIL2	CONN-SIL2	€0,100
Sub-totals:				€0,200

## 2 Switches

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Unit Cost</u>
1	SW1	BUTTON1	MULTIMEC_3CTH9_10.4	€1,000
1	SW2	BUTTON2	MULTIMEC_3CTH9_10.4	€1,000
Sub-totals:				€2,000

## 1 Additional Cost

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>PCB Package</u>	<u>Unit Cost</u>
1	CT1	PCB	NULL	€1,000
Sub-totals:				€1,000

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Totals: €6,320

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