

# Bill Of Materials for mark vu meter 14ch

**Design Title** mark vu meter 14ch  
**Author**  
**Document Number**  
**Revision**  
**Design Created** Monday, 23 March 2020  
**Design Last Modified** Friday, 10 April 2020  
**Total Parts In Design** 48

## 16 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	C1-C2	1u	Digikey P14505-ND	
2	C3-C4	0.01u	Digikey C1206C183J2RACTU-ND	
10	C5-C8,C10-C15	0.1u	Digikey 478-1556-2-ND	
2	C9,C17	470U	Digikey P5155-ND	

Sub-totals: €0,00

## 12 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
3	R1-R2,R12	100k	Digikey RT1206FRE07100KL-ND	
1	R3	680k	Digikey RT1206FRE07680KL-ND	
5	R4,R6-R8,R10	10.0k	Digikey RT1206CRD0710KL-ND	
1	R5	470	Digikey 311-470FDKR-ND	
2	R9,R11	22.0K	Digikey 311-22.0KFDKR-ND	

Sub-totals: €0,00

## 4 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
2	U1,U3	MCGEQ7		
1	U2	LM358N		
1	U4	SI5351BOARD		

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	DIODE		

Sub-totals: €0,00

## 15 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>Stock Code</u>	<u>Unit Cost</u>
1	GEN1	ARDUINO MEGA 2560 PRO		
1	J1	CONN-H2		
2	J2,J7	SIL-100-15		
1	J4	CONN-H4		
1	J5	TBLOCK-I3		
1	J6	TBLOCK-I2		
1	JP1	JUMPER2		
1	RV1	100K	Digikey 3252W-203LF-ND	
1	RV2	500K	Digikey 3252W-204LF-ND	
3	RV4-RV6	1k		
2	SW1-SW2	PUSH-BUTTON		

Sub-totals: €0,00

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Totals: €0,00