

Bill Of Materials for MEGOMETR_SCH

0 Modules

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
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Sub-totals:

19 Capacitors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
4	C1-C2,C12-C13	10u	EL.CAPACITOR SMC-B
5	C3-C4,C15-C17	470n	CAPACITOR SMD1206
1	C5	150u	EL.CAPACITOR SMC-D 25V
6	C6-C11	10n	CAPACITOR10N 300V C102-043X133
1	C14	10N	CAPACITOR SMD1206
2	C18-C19	100N	CAPACITOR SMD1206

Sub-totals:

22 Resistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
2	R1-R2	100	RESISTOR SMD1206
1	R3	240	RESISTOR SMD1206
1	R4	1k	RESISTOR 0.25W 207-10
7	R5-R10,R21	1M	RESISTOR 0.25W 207-10
1	R11	15K	RESISTOR SMD1206
1	R12	330	RESISTOR SMD1206
9	R13-R20,R22	10K	RESISTOR SMD1206 0.1%

Sub-totals:

6 Integrated Circuits

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
1	U1	7805	
1	U2	MCP1416	
1	U3	MCP1415	
1	U4	LM317S	
1	U5	OPA2227P	
1	U6	ICL7660	

Sub-totals:

4 Transistors

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
2	Q1-Q2	BSS138	Logic Level N-FET SOT-23
2	Q3-Q4	IRLL3303	POWER MOSFET SOGT223

Sub-totals:

23 Miscellaneous

<u>Quantity</u>	<u>References</u>	<u>Value</u>	<u>description</u>
1	D1	MBRS330	DIODE SHOTTKY
7	D2-D8	S5KC	DIODE 800V 5A DIOM4325X250N
2	D9-D10	1SMB5918BT3	ZENER 5.1V SMB
3	D11-D13	BAT54S	SCHOTTKY SOT23
1	J1	DCJ0202	
2	J2-J3	TBLOCK-M2	W237-102
2	LCD1-LCD2	LCD 16X2 V2	

1	NANO1	ARDUINO NANO V2	
2	RV1,RV3	2K7	POTENTIOMETER PV09A
1	SW1		TACTILE SWITCH B3F-40XX
1	TR1	TRAN-2P3S	TRAFO EE25-8PIN

Sub-totals: