

## BOM



Project		Vúmetro	Date	29/07/17	Design	Enrique	Version	1.0
Item	PCB-reference	Description	Value	Supplier	Supplier code	Manufacturer	Footprint	Qty
1	R2	Resistor	10k ±5% 0,25w					1
2	R4	Resistor	6k2 ±5% 0,25w					1
3	R3	Resistor	8k2 ±5% 0,25w					1
4	R5	Resistor	470k ±5% 0,25w					1
5	R1, R6, R7	Resistor	1k ±5% 0,25w					3
6	R8	Resistor	220R ±5% 0,25w					1
7	Rv1	Trimmer	100k					1
8	C2	Capacitor	100nF ±10% 25v Ratnes 5mm					1
9	C1, C3	Capacitor	10nF ±10% 25v					2
10	D2, D3	General Diode	1n4007					2
11	J1, J2	Audio jack 3,5mm	trs 3,5mm					2
12	J4, J5	1x4 pinheader, strip, 2,54mm	black					2
13	J3	1x3 pin header, strip, 2,54mm	black					1
14	JM4	Jumper 2,54 mm						1
15	J7	1x2 pin header, strip, 2,54 mm	black					1
16	J6	DC jack	2,1 mm					1
17	D1	LED green	5mm, 1,8v, 15mA					1
18	U1	Op. Amp. Single supply	LM358					1
19	U3	VU meter LED driver	LM3915					1
20	U2	Voltage regulator, 5v	LM7805					1
	Dm1, Dm2, Dm3, Dm4, Dm5, Dm6, Dm7, Dm8,							
21	Dm9, Dm10	LED	5mm, 1,8v, 15mA					10



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Item	PCB-reference	Description	Value	Supplier	Supplier code	Manufacturer	Footprint	Qty
1	R2	Resistor	10k ±5% 0,25w					5
2	R4	Resistor	6k2 ±5% 0,25w					4
3	R3	Resistor	8k2 ±5% 0,25w					2
4	R5	Resistor	470k ±5% 0,25w					5
5	R1, R6, R7	Resistor	1k ±5% 0,25w					15
6	R8	Resistor	220R ±5% 0,25w					5
7	Rv1	Trimmer	100k					4
8	C2	Capacitor	100nF ±10% 25v Ratnes 5mm					3
9	C1, C3	Capacitor	10nF ±10% 25v					6
10	D2, D3	General Diode	1n4007					10
11	J1, J2	Audio jack 3,5mm	trs 3,5mm					4
12	J4, J5	1x4 pinheader, strip, 2,54mm	black					6
13	J3	1x3 pin header, strip, 2,54mm	black					4
14	JM4	Jumper 2,54 mm						6
15	J7	1x2 pin header, strip, 2,54 mm	black					4
16	J6	DC jack	2,1 mm					2
17	D1	LED green	5mm, 1,8v, 15mA					4
18	U1	Op. Amp. Single supply	LM358					4
19	U3	VU meter LED driver	LM3915					4
20	U2	Voltage regulator, 5v	LM7805					4
	Dm1, Dm2, Dm3, Dm4, Dm5, Dm6, Dm7, Dm8,							
21	Dm9, Dm10	LED	5mm, 1,8v, 15mA					40

# Control\_producción

001	002	003	004	005
1	1	1	1	1
1	0	1	1	1
0	1	0	0	1
1	1	1	1	1
3	3	3	3	3
1	1	1	1	1
1	1	1	0	1
1	0	1	0	1
1	2	1	0	2
2	2	2	2	2
2	0	2	0	0
1	1	2	0	2
1	1	1	0	1
2	1	2	0	1
1	1	1	0	1
1	0	1	0	0
1	1	1	0	1
1	1	1	0	1
1	1	1	0	1
1	1	1	0	1
10	10	10	0	10