

VOL system A modulator components v02 20-10-19

COMPONENT LIST

Qty	Ref Name	Description
5	C1-3, C21, C30	47 nF 0805
2	C20, C31	22 nF 0805
2	C24, C27	1 nF 0805 C0G
1	C4	47 pF 0805
4	C5-6, C18, C28	15 pF 0805 C0G
6	C7, C16, C19, C25-26, C29	10 nF 0805
10	C8, C11-15, C17, C22-23, C32	10 uF 0805
2	C9-10	100nF 0805
1	D1	1N4007
1	IC1	PIC18F24K22-I_SS
1	IC12	LM7805
2	IC8-9	MC44BS373CA
1	ICSP1	6 Pin Male 2.54mm Header
1	LED1	3 mm LED
1	PL2	KYCON KLPX-0848A-2-W
1	PL3	KYCON KLPX-0848A-2-R
1	PL4	KYCON KLPX-0848A-2-Y
1	PL5	TE Connectivity 5-1634540-1
1	PL8	DC 2.1 mm Power socket RS 448-382
5	R1-3, R8, R14	20k 0805
5	R10, R12, R28-29, R37	2K2 0805
2	R11, R16	5K1 0805
1	R17	1K 0805
2	R22, R30	75R 0805
1	R24	100R 0805
2	R26, R39	4K7 0805
1	R27	100K 0805
3	R32, R34-35	24R9 0805
1	R4	2K7 0805
1	R5	3K3 0805
13	R6, R9, R15, R18-21, R23, R25, R31, R33, R36, R38	10K 0805
2	R7, R13	39K 0805
1	S1	HEX Switch RS 125-1881
2	SW1-2	MULTICOMP 1MS1T2B4M7RE
1	TR1	BC856A
2	TR2-3	BC846A
1	VR1	Bourns 3306P 5k
1	VR3	50 K Bourns PTV09A-2020F-A503
2	X1-2	Crystal 4 MHz
1	X3	Crystal 15 MHz
1	Enclosure	Hammond RM2015S
1	Knob	Eagle Plastic Devices 450-4663