

PCB BOM MP36

RESISTORS

NUMBER	RESISTANCE	DESCRIPTION	NUMBER FOR ORDER	MANUFACTURER	
R1,R2	750R	1%, 0,25W	271-750-RC	Xicon	
R3	160R	1%, 0,25W	271-160-RC	Xicon	
R4	10K	1%, 0,25W	271-10K-RC	Xicon	
R5	1K	1%, 0,25W	271-1K-RC	Xicon	
R6	150K	1%, 0,25W	271-150K-RC	Xicon	
R7	200R	1%, 0,25W	271-200-RC	Xicon	
R8	20K	1%, 0,25W	271-20K-RC	Xicon	
R9	20K	1%, 0,25W	271-20K-RC	Xicon	
R10,R11	6K98	1%, 0,25W	271-6.98K-RC	Xicon	
R12	10R	5%, 0,5W	293-10-RC	Xicon	
R13	475R	1%, 0,25W	271-475-RC	Xicon	
R14	10K	1%, 0,25W	271-10K-RC	Xicon	

RESISTORS GAIN SWITCH (ONLY FOR STEPPED GAIN SWITCH)

NUMBER	RESISTANCE	DESCRIPTION	NUMBER FOR ORDER	MANUFACTURER	
R25	14K7	1%, 0,25W	271-14.7K-RC	Xicon	
R24	4K99	1%, 0,25W	271-4.99K-RC	Xicon	
R23	1K96	1%, 0,25W	271-1.96K-RC	Xicon	
R22	1K24	1%, 0,25W	271-1.24K-RC	Xicon	
R21	787R	1%, 0,25W	271-787-RC	Xicon	
R20	511R	1%, 0,25W	271-511-RC	Xicon	
R19	357R	1%, 0,25W	271-357-RC	Xicon	
R18	249R	1%, 0,25W	271-249-RC	Xicon	
R17	169R	1%, 0,25W	271-169-RC	Xicon	
R16	120R	1%, 0,25W	271-120-RC	Xicon	
R15	82R	1%, 0,25W	271-82-RC	Xicon	

CAPASITORS

NUMBER	CAPASCITANCE	DESCRIPTION	NUMBER FOR ORDER	MANUFACTURER	Lead Spacing
C1,C3	1000pF	5%, 50V, COG	RCE5C1H102J0A2H03B	Murata Electronics	2.5mm
C3	220pF	5%, 50V, COG	RCE5C1H221J0A2H03B	Murata Electronics	2.5mm
C4	27pF	5%, 50V, COG	RCE5C1H270J0A2H03B	Murata Electronics	2.5mm
C5	82pF	5%, 50V, COG	RCE5C1H820J0A2H03B	Murata Electronics	2.5mm

C6	100pF	2.5%, 100V, PP	FKP2D001001D00HSSD	WIMA	5.0mm
C7	10uF	20%, 63V	UPS1J100MDD	Nichicon	2.0mm
C8	47uF	20%, 25V	UKW1E470MDD	Nichicon	2.0mm
C9	330uF	20%, 16V	UHE1C331MPD	Nichicon	3.5mm
C10	330uF	20%, 16V	UHE1C331MPD	Nichicon	3.5mm
C11,C12	47uF	20%, 25V	UHE1E470MDD	Nichicon	2.0mm

DIODES

NUMBER	TYPE	DESCRIPTION	NUMBER FOR ORDER	MANUFACTURER	Lead Spacing
D1,D2,D1C	1N4004	400V	1N4004		
LED	RED	LED DIODE			2.0mm

TRANSFORMERS

TYPE	NUMBER	DESCRIPTION	NUMBER FOR ORDER	MANUFACTURER	
Input	TR2622	1:7 RATIO	included in kit	AVDAUDIO	
Output	TR2623	1:2 RATIO	included in kit	AVDAUDIO	

OTHERS

TYPE	RESISTANCE	DESCRIPTION	NUMBER FOR ORDER	MANUFACTURER	
GAIN RESISTOR	25K	Variable	51CAN-D20-G17L	Bourns	
GAIN RESISTOR	Stepped	Rotary Switches	71ADF30-01-1-AJS	Grayhill	
T-PAD	500R-1K-500R	Variable	included in kit	AVDAUDIO	
PCB Sockets		6ps	0322-0-15-15-34-27-10-0	Mill-Max	
Pushbutton Switches		3ps	PS909L-22, SPUJ190900	CANAL ELECTRONIC, ALPS	
Cap		3ps	1RBLK, 1RRED, 1RWHT	E-Switch	