

MAX Audio Processor Parts sorted by Function

Version 510 and 520 Compiled on 2024-01-13 R. Maxwell W8KHK

Function	Device	Number	Value	Component Details
Input	c		1 .001u	
Input	c		2 .001u	
Input	c		3 .001u	
Input	c		4 .001u	
Input	c		5 200p	
Input	c		6 200p	
Input	c		7 200p	
Input	c		8 47u	or 22 uf
Input	c		9 47u	or 22 uf
Input	c		10 4.7u	
Input	c		11 470p	
Input	c	11en	22u	
Input	c	11ep	22u	
Input	c	11n	.1u	
Input	c	11p	.1u	
Input	c	12en	22u	
Input	c	12ep	22u	
Input	c	12n	.1u	
Input	c	12p	.1u	
Input	r		1 470	
Input	r		2 470	
Input	r		3 10k	
Input	r		4 4.7k	
Input	r		5 4.7k	
Input	r		6 4.7k	
Input	r		7 4.7k	
Input	r		8 1.5k	
Input	r		9 1.5k	
Input	r		10 v10k	Line Level

Input	r	11	33	
Input	r	12	v10k	Mic Level
Input	r	13	10k	
Input	r	14	1k	
Input	r	15	47k	
Input	r	16	v100	Must be on PC board!
Input	r	17	100	
Input	r	18	100	
Input	r	011n	100	
Input	r	011p	100	
Input	r	012n	100	
Input	r	012p	100	
Input	u	11	ne5532	
Input	u	12	ssm-2019	
LowCut	c	21	.047u	mylar
LowCut	c	22	.047u	mylar
LowCut	c	21en	22u	
LowCut	c	21ep	22u	
LowCut	c	21n	.1u	
LowCut	c	21p	.1u	
LowCut	r	23	27k	
LowCut	r	24	27k	
LowCut	r	021n	100	
LowCut	r	021p	100	
Phase Rotator	c	61	.047u	mylar
Phase Rotator	c	62	.047u	mylar
Phase Rotator	c	63	.047u	mylar
Phase Rotator	c	64	.047u	mylar
Phase Rotator	c	65	.047u	mylar
Phase Rotator	c	66	.047u	mylar
Phase Rotator	c	67	.047u	mylar
Phase Rotator	c	68	.047u	mylar
Phase Rotator	c	69	4.7u	
Phase Rotator	c	61en	22u	

Phase Rotator	c	61ep	22u
Phase Rotator	c	61n	.1u
Phase Rotator	c	61p	.1u
Phase Rotator	c	62n	.1u
Phase Rotator	c	62p	.1u
Phase Rotator	c	63n	.1u
Phase Rotator	c	63p	.1u
Phase Rotator	c	64n	.1u
Phase Rotator	c	64p	.1u
Phase Rotator	r	61	10k
Phase Rotator	r	62	10k
Phase Rotator	r	63	10k
Phase Rotator	r	64	10k
Phase Rotator	r	65	10k
Phase Rotator	r	66	10k
Phase Rotator	r	67	10k
Phase Rotator	r	68	10k
Phase Rotator	r	69	10k
Phase Rotator	r	70	10k
Phase Rotator	r	71	10k
Phase Rotator	r	72	10k
Phase Rotator	r	73	10k
Phase Rotator	r	74	10k
Phase Rotator	r	75	10k
Phase Rotator	r	76	10k
Phase Rotator	r	77	10k
Phase Rotator	r	78	10k
Phase Rotator	r	79	10k
Phase Rotator	r	80	10k
Phase Rotator	r	81	10k
Phase Rotator	r	82	10k
Phase Rotator	r	83	10k
Phase Rotator	r	84	10k
Phase Rotator	r	85	100k

Phase Rotator	r	061n	47	
Phase Rotator	r	061p	47	
Phase Rotator	u	61	ne5532	
Phase Rotator	u	62	ne5532	
Phase Rotator	u	63	ne5532	
Phase Rotator	u	64	ne5532	
Pre-Emphasis	c	91	.1u	mylar
Pre-Emphasis	c	93a	.02u	mylar
Pre-Emphasis	c	93b	.02u	Optional mylar
Pre-Emphasis	c	94a	.002u	mylar
Pre-Emphasis	c	94b	.002u	Optional mylar
Pre-Emphasis	r	91	10k	
Pre-Emphasis	r	92	1k	
Pre-Emphasis	r	93	10k	
Pre-Emphasis	r	94	15k	
Pre-Emphasis	r	95	10k	
Pre-Emphasis	u	21	ne5532	
Compressor	c	103	.01u	mylar
Compressor	c	104	22u	
Compressor	c	105	100u	
Compressor	c	101en	22u	
Compressor	c	101ep	22u	
Compressor	c	101n	.1u	
Compressor	c	101p	.1u	
Compressor	c	102n	.1u	
Compressor	c	102p	.1u	
Compressor	d	101	1n914	
Compressor	d	102	1n914	
Compressor	d	103	1n914	
Compressor	q	101	2n3819	
Compressor	q	102	2n3906	
Compressor	q	103	2n3906	
Compressor	r	1	4.7k	On Panel for Density
Compressor	r	101	20K	

Compressor	r	102	1k	
Compressor	r	103	10k	
Compressor	r	106	4.7k	
Compressor	r	107	4.7k	
Compressor	r	108	4.7k	or 10k trim pot
Compressor	r	108	v10k	or 4.7k Limiter Drive
Compressor	r	109	47k	
Compressor	r	111	1m	
Compressor	r	112	1m	
Compressor	r	113	470k	
Compressor	r	114	1m	
Compressor	r	115	33k	
Compressor	r	116	10k	
Compressor	r	101n		47
Compressor	r	101p		47
Compressor	u	101	ne5532	
Compressor	u	102	ne5532	
Bandwidth Clock	c	121	.001u	mylar
Bandwidth Clock	c	122	.01u	mylar
Bandwidth Clock	c	123	.0015u	mylar
Bandwidth Clock	c	121ep	47u	or 22 uf
Bandwidth Clock	c	121p	.1u	
Bandwidth Clock	r	121	1.5k	
Bandwidth Clock	r	122	470	
Bandwidth Clock	r	123	v10k	SCAF Clock trim pot
Bandwidth Clock	r	124	v25k	SCAF Clock trim pot
Bandwidth Clock	r	125	v10k	SCAF Clock trim pot
Bandwidth Clock	r	121p		10
Bandwidth Clock	u	121	ne555	
SCAF Filter	c	142	10u	
SCAF Filter	c	143	10u	
SCAF Filter	c	144	.001u	mylar
SCAF Filter	c	141en	22u	
SCAF Filter	c	141ep	22u	

SCAF Filter	c	141n	.1u	
SCAF Filter	c	141p	.1u	
SCAF Filter	c	142n	.1u	
SCAF Filter	c	142p	.1u	
SCAF Filter	r	141	4.7k	
SCAF Filter	r	142	4.7k	
SCAF Filter	r	144	100k	
SCAF Filter	r	145	2.2k	
SCAF Filter	r	146	6.8k	
SCAF Filter	r	147	4.7k	
SCAF Filter	r	141n		10
SCAF Filter	r	141p		10
SCAF Filter	u	141	max295	
SCAF Filter	u	142	max295	
Peak Control	c	131	.1u	
Peak Control	c	132	.1u	
Peak Control	c	133	.0047u	mylar
Peak Control	c	134	4.7u	
Peak Control	q	131	2n3904	
Peak Control	q	132	2n3904	
Peak Control	q	133	2n3906	
Peak Control	q	134	2n3906	
Peak Control	q	135	2n3906	
Peak Control	r	130 v100		Positive Peak Limit +100%
Peak Control	r	131	1k	
Peak Control	r	132	47k	
Peak Control	r	133	470	
Peak Control	r	134	470	
Peak Control	r	135	470	
Peak Control	r	136	4.7k	
Peak Control	r	137	4.7k	
Peak Control	r	138	1k	
Peak Control	r	139	100	
Peak Control	r	140 v1k		Negative Peak Limit 2

Output	c	181	33p	
Output	c	182	33p	
Output	c	183	33p	
Output	c	184	33p	
Output	c	201	33p	
Output	c	202	33p	
Output	c	203	33p	
Output	c	204	33p	
Output	c	181n	.1u	
Output	c	181p	.1u	
Output	c	201n	.1u	
Output	c	201p	.1u	
Output	r	181	v10k	Output Level Adjust
Output	r	182	20k	
Output	r	183	20k	
Output	r	184	10k	
Output	r	185	20k	
Output	r	186	20k	
Output	r	187	20k	
Output	r	188	20k	
Output	r	189	47	
Output	r	190	47	
Output	r	201	v10k	Output Level Adjust
Output	r	202	20k	
Output	r	203	20k	
Output	r	204	10k	
Output	r	205	20k	
Output	r	206	20k	
Output	r	207	20k	
Output	r	208	20k	
Output	r	209	47	
Output	r	210	47	
Output	u	181	ne5532	
Output	u	201	ne5532	

Level Indicator	c	151	1u	or 4.7 uf
Level Indicator	c	152	4.7u	
Level Indicator	c	153	4.7u	
Level Indicator	c	154	.1u	
Level Indicator	c	155	4.7u	
Level Indicator	c	156	.1u	
Level Indicator	c	151n	.1u	
Level Indicator	c	151p	.1u	
Level Indicator	c	152ep	22u	
Level Indicator	c	152p	.1u	
Level Indicator	d	151	1n914	
Level Indicator	d	152	1n914	
Level Indicator	d	153	1n914	
Level Indicator	d	154	1n914	
Level Indicator	d	155	1n4007	
Level Indicator	q	151	2n3906	
Level Indicator	q	152	2n3906	
Level Indicator	q	153	2n3906	
Level Indicator	q	154	2n3906	
Level Indicator	q	155	2n3904	
Level Indicator	r	150	2.2k	
Level Indicator	r	151	100k	
Level Indicator	r	152	4.7k	
Level Indicator	r	153	4.7k	
Level Indicator	r	154	1k	
Level Indicator	r	155	1k	
Level Indicator	r	156	10K	
Level Indicator	r	157	10k	
Level Indicator	r	158	47k	
Level Indicator	r	159	10k	
Level Indicator	r	160	2.2k	
Level Indicator	r	161	1m	
Level Indicator	r	162	10k	
Level Indicator	r	163	100k	

Level Indicator	r	164	4.7k
Level Indicator	r	165	4.7k
Level Indicator	r	166	4.7k
Level Indicator	r	167	4.7k
Level Indicator	r	168	4.7k
Level Indicator	r	169	2.7k
Level Indicator	r	170	2.7k
Level Indicator	r	171	1k
Level Indicator	r	172	4.7k
Level Indicator	r	173	4.7k
Level Indicator	r	174	10k
Level Indicator	r	151p	10
Level Indicator	u	151	ne5532
Level Indicator	u	152	lm339
Power	c	301	3300u
Power	c	302	3300u
Power	c	303	100u
Power	c	304	100u
Power	c	306	.1u
Power	c	307	.1u
Power	c	308	100u
Power	c	309	100u
Power	c	310	100u
Power	c	311	100u
Power	c	312	.1u
Power	c	313	.1u
Power	d	301	1n4007
Power	d	302	1n4007
Power	d	303	1n4007
Power	d	304	1n4007
Power	d	305	1n4007
Power	d	306	1n4007
Power	d	307	1n4007
Power	d	308	1n4007

Power	d	309	1n4007
Power	d	310	1n4007
Power	d	311	1n4007
Power	d	312	1n4007
Power	u	301	7812
Power	u	302	7912
Power	u	303	7805
Power	u	304	7905
RectifierFilter	RFc	1	.001uf
RectifierFilter	RFc	2	.001uf
RectifierFilter	RFc	3	.001uf
RectifierFilter	RFc	4	.001uf
RectifierFilter	RFc	5	.001uf
RectifierFilter	RFc	6	.001uf
RectifierFilter	RFc	7	3300uf
RectifierFilter	RFc	8	3300uf
RectifierFilter	RFd	1	1n4007
RectifierFilter	RFd	2	1n4007
RectifierFilter	RFd	3	1n4007
RectifierFilter	RFd	4	1n4007

Miscellaneous and off-board components

Enclosure	1U Rack, or Small Desktop or Medium Desktop
Processor board	rev 520
Power supply bd	rectifier and filter assembly
Front Dress Panel	1U Rack, Small Desktop, Medium Desktop style 1 or style 2
FPI Interface board	1U rack without pots, 1U rack with pots, Small Desktop, Medium Desktop style 1 or style 2
Power transformer	
Fuse and fuse holder	
IEC connector/filter	
LEDS for panel	1 yellow, 1 green, 2 blue, three red

Panel Pots	2 or 4 10K log taper, 6 cm shaft diameter
Knobs for pots	2 or 4, 1/2" or 1" diameter, 6 cm shaft diameter
Switches	8 SPDT standard, 2 SPDT center-off (for density and bandwidth)
IC Sockets	15 eight-pin, 1 fourteen pin
Audio Connectors	4 XLR 2 male, 2 female, or 4 1/4" TRS phone jacks
Berg Pin Headers	2 sets 40 straight, 2 sets 40 right-angle, 2 sets, 40 female
dupont wires	6 sets of two, 200 mm M-F for audio in and out interconnects
ribbon cable, power	1 each 4-wide ribbon, connect rect/filter board to main board
berg jumpers	10 each, 2.56 mm push-on insulated jumpers
AC Wiring HW	Spade and screw lugs for IEC connector and ground wire
M3 HW	8 screws, 8 washers, 24 nuts for mounting main and power PC boards
4-40 HW	12 screws, 12 nuts, for mounting power and audio connectors
6-32 HW	2 screws, 2 washers, 2 lock-nuts for mounting power transformer