

## AXT1176LNR Parts List (1176 and Switch assembly)

Components marked as ( ) are on switch module assembly				
Item	Description	Qty	U/M	Ref
1	10k 0.1% (measure and match to 10R)	5	ea	R1-A, R1-B, R1-C, R1-D, R1-E
2	10k 1%	6	ea	R8, R28, R35, R52, R56, R82
3	47k 1%	7	ea	R3, R4, (R23), R62, R74, R75, R68
4	27k 1%	1	ea	R6
5	1k 1%	3	ea	R10, R37, R84
6	560k 1%	1	ea	R11
7	180R 1%	3	ea	R13, R14, R73
8	1M 1%	3	ea	R12, R29, R60
9	150R 1%	2	ea	R15, (R87)
10	22k 1%	1	ea	R18
11	82R 1%	1	ea	R19
12	1.8k 1%	1	ea	R20
13	6.8k 1%	1	ea	R17
14	68k 1%	2	ea	(R25), R31
15	200k 1%	1	ea	R30
16	2k 1%	1	ea	R32
17	11k 1%	1	ea	R33
18	4.3k 1%	2	ea	R34, R49
19	1.2k 1%	2	ea	R38, R39
20	100R 1%	1	ea	R36
21	4.3R 1%	2	ea	R40, R41
22	2.2M 1%	2	ea	R7, R9
23	7.5k 1%	1	ea	R21
24	56k 1%	1	ea	(R26)
25	8.2k 1%	1	ea	(R50)
26	3.6k 1%	2	ea	(R51), R59
27	28k 1%	4	ea	(R90), (R92), (R93), (R94)
28	10M 1%	1	ea	(R46)
29	240R 1%	2	ea	(R95), (R97)
30	270R 1%	3	ea	R65, (R98), (R99)
31	1.5k 1%	1	ea	(R44)
32	2.2k 1%	1	ea	R45
33	3.9M 1%	1	ea	R48
34	15k 1%	1	ea	R53
35	470k 1%	2	ea	R57, R61
36	100k 1%	1	ea	R58
37	4.7k 1%	2	ea	R63, R70
38	2.4k 1%	2	ea	R64, R72
39	182k 1%	1	ea	R66
40	44.2k 1%	1	ea	R69
41	38.3k 1%	1	ea	R67
42	7.68k 1% (7.5k + 180R)	1	ea	R71
43	470R 1%	1	ea	(R76)
44	270k 1%	1	ea	(R79)
45	3.9k 1%	1	ea	R83
46	10uF 35V	5	ea	C30, C31, C33, C19, C20
47	100pF ceramic	2	ea	C100, C101
48	220pF ceramic	3	ea	C3, C4, C32
49	27pF ceramic	1	ea	C6
50	10pF ceramic	1	ea	C12
51	47pF ceramic	1	ea	C29
52	33pF ceramic	1	ea	C16
53	0.1uF ceramic	4	ea	C28, C35, C*2, C*3
54	100uF 35V	9	ea	C35, C2, C7, C8, C13, C18, C21, C*, C*1
55	0.22uF poly	2	ea	C27, C5
56	1uF poly	3	ea	C1, C10, C17
57	47uF 35V	2	ea	C11, C9
58	22uF 35V	1	ea	C14
59	470uF 50V	1	ea	C15

60	0.022uF poly	1	ea	(C22)
61	1N4004 diode	2	ea	D1, D2
62	1N4148 diode	1	ea	D11
63	FDH333 diode	2	ea	D3, D4
64	10k log pot	1	ea	RV5
65	100k log pot	1	ea	RV27
66	25k lin/log pot with SPDT switch	1	ea	RV77
67	5M lin pot (series dual gang 2M lin)	1	ea	RV78
68	2k trim pot	2	ea	VR55, VR81
69	100k trim pot	1	ea	VR54
70	150R trim pot	1	ea	VR16
71	NE5532 dual op amp	1	ea	U2
72	TL071, LF351 op amp	1	ea	U1
73	2N5457 JFET (match pair)	2	ea	Q1, Q10
74	BC547 NPN transistor	4	ea	Q2, Q3, Q4, Q5
75	BC546 NPN transistor (hfe > 250)	4	ea	Q12, Q13, Q14, Q15
76	BC560 PNP transistor	2	ea	Q6, Q7
77	BD139 NPN transistor	1	ea	Q8
78	BD140 PNP transistor	1	ea	Q9
79	LL5402 output transformer (2:1)	1	ea	T2
80	8 pin DIP IC socket	2	ea	U1, U2
81	2 pole 6 position rotary switch	1	ea	(SW2)
82	4 pole 3 position rotary switch	1	ea	(SW5)
83	VU meter (with internal rectifier)	1	ea	M1
84	1/4" TRS insulated panel mount sockets	4	ea	
85	Knob, black with silver trim	6	ea	SW2, SW5, RV5, RV77, RV27, RV78
86	XLR F input connector, panel mtg	1	ea	
87	XLR M output connector, panel mtg	1	ea	
88	PSU module, +30V -10V +6V DC (PSU-8)	1	assy	
89	Mains transformer (25-0-25)	1	ea	
90	GR disable module	1	assy	
91	Mains switch	1	ea	
92	IEC mains connector with fuse holder	1	ea	
93	PCB	1	set	
94	Enclosure, 19" rack (2RU)	1	ea	
95	Front Panel	1	ea	
96	Switch module PCB	1	ea	
97	Cable balanced shielded mic cable	1	m	
98	Cable single core shielded	3	m	
99	Cable power cabling	2	m	
100	IEC Power cable	1	ea	
101	Screw - M3 x 20	12	ea	
102	Nut - M3 hex	30	ea	
103	Washer - M3 spring	12	ea	