Count	Component Name	Design.	Comments
1	**LD066 MAIN CARD**		
6	1N4003	CR8	
	1N4003	CR9	
	1N4003	CR10	
	1N4003	CR11	
	1N4003	CR15	
	1N4003	CR16	
8	1N4148	CR1	
	1N4148	CR2	
	1N4148	CR3	
	1N4148	CR4	
	1N4148	CR5	
	1N4148	CR12	
	1N4148	CR13	
	1N4148	CR14	
2	BZX85C 12V/1.3W	CR6	
	BZX85C 12V/1.3W	CR7	
3	2R2	R20	
	2R2	R21	
	2R2	R28	
2	10R	R12	
	10R	R13	
1	10R/1W	R11	
2	47R	R37	
	47R	R56	
1	51R	R59	
1	220R	R18	
2	330R	R19	
		R48	
1	390R	R8	
1	510R	R54	
2	1k	R49	
	1k	R67	
1	1k2	R77	
1	1k5	R2	
1	2k4	R60	
1	2k7	R47	
1	3k9	R1	
3	4k7	R68	
	4k7	R69	
	4k7	R71	
4	5k1	R5	
	5k1	R14	
	5k1	R16	
	5k1	R46	
1	6k2	R43	
2	6k8	R52	
	6k8	R78	
1	7k5	R58	
2	8k2	R50	
	8k2	R51	
4	10k	R9	
	10k	R30	
	10k	R31	
	10k	R40	

1	11k	R22	
1	15k	R57	
1	18k	R45	
7	20k	R23	
	20k	R29	
	20k	R32	
	20k	R53	
	20k	R64	
	20k	R75	
	20k	R79	
2	22k	R41	
	22k	R42	
1	47k	R25	
19	100k	R3	
	100k	R4	
	100k	R10	
	100k	R17	
	100k	R26	
	100k	R33	
	100k	R34	
	100k	R35	
	100k	R36	
	100k	R38	
	100k	R39	
	100k	R44	
	100k	R55	
	100k	R61	
	100k	R62	
	100k	R63	
	100k	R66	
	100k	R73	
	100k	R74	
1	110k	R7	
1	220k	R6	
1	270k	R27	
1	300k	R65	
1	510k	R24	
2	1Meg	R70	
	1Meg	R72	
1	2.2Meg	R76	
1	10Meg	R15	
2	INDUCTOR BEAD	L1	
	INDUCTOR BEAD	L2	
17	TESTPOINT	TP1	T_BOTTOM
	TESTPOINT	TP2	T_WIPER
	TESTPOINT	TP3	T_TOP
	TESTPOINT	TP4	RMS OUT
	TESTPOINT	TP5	ATTACK OUT
	TESTPOINT	TP6	ATTACK IN
	TESTPOINT	TP7	12V POSITIVE
	TESTPOINT	TP8	12V NEGATIVE
	TESTPOINT	TP9	CHASSIS
	TESTPOINT	TP10	OUTPUTHI
	TESTPOINT	TP11	OUTPUT LO
	TESTPOINT	TP12	4301_POSITIVE_CONTROL
	TESTPOINT	TP13	+VDC
	TESTPOINT	TP14	-VDC
	TESTPOINT	TP15	WET
	TESTPOINT	TP16	DRY
	TESTPOINT	TP17	VCA_OUT2
1	100pF	C32	
2	470pF	C21	
	470pF	C23	
1	10pF	C65	

8	22pF	C11	
	22pF	C17	
	22pF	C29	
	22pF	C42	
	22pF	C43	
	22pF	C55	
	22pF	C56	
	22pF	C22	
13	100nF/50V	C6	
	100nF/50V	C9	
	100nF/50V	C10	
	100nF/50V	C12	
	100nF/50V	C13	
	100nF/50V	C30	
	100nF/50V	C31	
	100nF/50V	C50	
	100nF/50V	C51	
	100nF/50V	C52	
	100nF/50V	C53	
	100nF/50V	C66	
	100nF/50V	C67	
2	100pF Filter Cap	CL1	
	100pF Filter Cap	CL2	
1	1uF/63V	C16	
1	2.2uF	C14	
1	3.3uF	C15	
1	0.22uF	C63	
1	0.47uF	C57	
1	0.01uF	C2	
4	0.022uF	C45	
	0.022uF	C46	
	0.022uF	C47	
	0.022uF	C48	
1	0.047uF	C41	
2	0.15uF	C1	
	0.15uF	C44	
1	1000pF / 100V 5%	C64	
2	10uF/50V 10%	C18	MUST BE 10%, OR SELECTED
	10uF/50V 10%	C19	
7	47uF/25V	C3	
	47uF/25V	C7	
	47uF/25V	C8	
	47uF/25V	C20	
	47uF/25V	C35	
	47uF/25V	C37	
	47uF/25V	C54	
7	100uF/16V	C25	PANASONIC AK SERIES AUDIO CAPACITOR
	100uF/16V	C33	
	100uF/16V	C34	
	100uF/16V	C39	
	100uF/16V	C40	
	100uF/16V	C61	
	100uF/16V	C62	
2	10uF/35V	C5	NP - NON POLAR
	10uF/35V	C24	NP - NON POLAR
2	47uF/63V	C26	
	47uF/63V	C27	
6	220uF/25V	C36	
	220uF/25V	C38	
	220uF/25V	C49	
	220uF/25V	C58	
	220uF/25V	C59	
	220uF/25V	C60	
2	470uF/25V	C4	
	470uF/25V	C28	
1	PTC / 200mA	PTC1	BOURNES MF-R020 0.2A
1	PTC / 200mA	PTC2	

1	2k0 Multiturn trimmer	VR1	VERTICAL/TRIANGULAR PINS
1	50k Multiturn trimmer	VR8	
1	10K Multiturn trimmer	VR9	
1	2N3904 Transistor	Q1	
3	OP275GP	U7	
	OP275GP	U8	
	OP275GP	U9	
4	JRC072	U1	
	JRC072	U2	
	JRC072	U5	
	JRC072	U6	
1	THAT 1246	U3	
1	THAT 1646	U4	
1	THAT 4301	U10	
9	8PIN DIL SOCKETS		
1	20PIN DIL SOCKETS		
4	10kLIN POTENTIOMETER	VR2	
		VR5	
		VR6	
		VR7	
2	500kLOG	VR3	
		VR4	
6	LD046 + 3 PIN RIGHT ANGLE HEADER	A1	Potentiometer to main card mounting
		A2	Potentiometer to main card mounting
		A3	Potentiometer to main card mounting
		A4	Potentiometer to main card mounting
		A5	Potentiometer to main card mounting
		A6	Potentiometer to main card mounting
1	KNOB RED POINTER		Gain Makeup
1	KNOB BLACK POINTER		Dry/Wet
2	KNOB BLUE BLUE POINTER		Attack and Recovery
2	KNOB GREEN POINTER		Theshold and Ratio
2	NOT USED	W1	OMIT. MUST NOT BE USED.
	2WAY PIN Header or wire link	W2	Only fitted if rear sidechain insert is used. See assembly manual page 57.
	2WAY PIN Header or wire link	W3	Only fitted if rear sidechain insert is used. See assembly manual page 57.
6	2 WAY 2.54mm MOLEX KK STRAIGHT HEADER	J3	Only fitted if insert connections to the INSERT ONE module is made.
		J5	Only fitted if insert connections to the INSERT ONE module is made.
		J4	Only fitted if Dry Path insert point connections are used.
		J6	Only fitted if Dry Path insert point connections are used.
		J9	Only fitted for master/slave operation in racks not manufactured by TAC.
		J10	Only fitted for master/slave operation in racks not manufactured by TAC.
6	2 WAY 2.54mm MOLEX KK HOUSING + CRIMPS		Only fitted for master/slave operation in racks not manufactured by TAC.
3	2 WAY STRAIGHT HEADER GOLD PLATED	P1	
	2 WAY STRAIGHT HEADER GOLD PLATED	P2	
	2 WAYSTRAIGHT HEADER GOLD PLATED	P3	
3	3 PIN STRAIGHT HEADER GOLD PLATED	P4	
	3 PIN STRAIGHT HEADER GOLD PLATED	P6	
	3 PIN STRAIGHT HEADER GOLD PLATED	P7	
1	2x6 WAY HEADER	J8	Combined with P5. For optional VCA card
		P5	
1	16 pin male box header	J2	
1	26 pin male box header	J7	
16	2 WAY HEADER JUMPER PLUG		Caters for all options
1	BACKPLATE		
	M2 POZI HEAD SCREW	FIX4	Backplate to Main Card Fixing
		FIX5	Backplate to Main Card Fixing
		FIX7	Backplate to Main Card Fixing
1	FACEPLATE		
5	M2.5 POZI HEAD SCREW		Faceplate to Backplate Fixing

1	SCREEN PLATE		
4	M3x6 POZI HEAD SCREW	FIX1	Main Card to Screen Plate Fixing
		FIX3	Main Card to Screen Plate Fixing
		FIX8	Main Card to Screen Plate Fixing
		FIX11	Main Card to Screen Plate Fixing
3	14.5mm FF PILLAR + M3x6 PAN POZI SCREW	FIX2	14.5 mm height is made up of 14mm Hex Pillar + 1 x Washer of 0.5mm.
		FIX6	
		FIX9	

1	LD067 PCB SWITCH SUB CARD		
2	5R6	R120	
	5R6	R121	
1	16R	R81	
2	20R	R80	
	20R	R82	
1	22R	R125	
1	31R6	R83	
1	48R7	R84	
1	78R7	R85	
1	127R	R86	
1	47R	R109	
3	100R	R90	
	100R	R91	
	100R	R106	
3	160R	R89	
	160R	R94	
	160R	R95	
2	210R	R96	
	210R	R97	
1	270R	R126	MAKE SURE TO SOLDER THIS RESISTOR FIRST BEFORE THE ML SWITCHES
1	316R	R98	
3	422R	R99	
	422R	R100	
	422R	R101	
2	910R	R88	
	910R	R124	
1	2k	R105	
	2k4	R87	
1	6k2	R123	
2	6k8	R107	
	6k8	R112	
4	10k	R103	
	10k	R108	
	10k	R111	
	10k	R115	
1	33k	R102	
1	47k	R122	MAKE SURE TO SOLDER THIS RESISTOR FIRST BEFORE THE ML SWITCHES
4	68k	R114	
	68k	R117	
	68k	R118	
	68k	R119	
2	100k	R104	
	100k	R113	

2	120k	R92	
	120k	R93	
1	5.6Meg	R110	
1	OMIT	R116	
5	1N4148	CR17	
	1N4148	CR18	
	1N4148	CR19	
	1N4148	CR20	
	1N4148	CR21	
1	LED2MM_YELLOW	CR22	MAKE SURE TO SOLDER THIS LED FIRST BEFORE THE ML SWITCHES
15	TESTPOINT	TP18	AM SIGNAL PRESENT REF.
	TESTPOINT	TP19	AM 0 dB REF.
	TESTPOINT	TP20	AM +18dB REF.
	TESTPOINT	TP21	GR 22dB REF.
	TESTPOINT	TP22	GR METER DC INPUT
	TESTPOINT	TP23	AUDIO METER DC INPUT
	TESTPOINT	TP24	AUDIO METER AC INPUT
	TESTPOINT	TP25	GR 1.5dB REF.
	TESTPOINT	TP26	RECOVERY
	TESTPOINT	TP27	RMS DETECTOR IN
	TESTPOINT	TP28	RATIO OUT
	TESTPOINT	TP29	RATIO TOP
	TESTPOINT	TP30	CONTROL TO VCA
	TESTPOINT	TP31	TO OUTPUT
	TESTPOINT	TP32	FROM INPUT
6	100nF/50V	C69	
		C70	
		C71	
		C72	
		C74	
		C75	
1	1uF/63V	C73	
1	10uF/50V 10%	C68	
3	47uF/25V	C76	
	47uF/25V	C77	
	47uF/25V	C78	
3	2N3906	Q2	
	2N3906	Q3	
	2N3906	Q4	
4	LM339N	U11	ON SEMI / DO NOT SUBSTITUTE WITH OTHER BRANDS
	LM339N	U12	
	LM339N	U13	
	LM339N	U14	
4	14 PIN DIL SOCKET		
1	TL072CN	U15	
1	8 PIN DIL SOCKET		
1	16 pin transition header	J14	
1	16 pin female cable connector	J14	Do not fit strain relief
1	Approx 75mm		Assembly CMP1 - see below
1	26 pin transition header	J15	
1	26 pin female cable connector	J15	Do not fit strain relief
1	Approx 75mm		Assembly CMP2 - see below
1	ML SWITCH GREEN	SW4	
1	ML SWITCH YELLOW	SW5	
1	ML SWITCH RED	SW6	
1	ML SWITCH BLUE	SW7	
1	SWITCH CAP 8.5mm		
3	SWITCH CAP 6mm		
2	Connections to LD070 Toggle Switch Card	J12	
	Connections to LD070 Toggle Switch Card	J13	

9	Connections to LD068	W4 W5 W6 W7 W8 W9 W10 W11 W12	Connections to LD068 GR Meter Card. Use excess component leads.
1	Connections to LD069	J11	Connections to LD069 Audio Meter card. Use excess component leads.
	M3x6mm PAN POZI SCREW	FIX13 FIX15 FIX16	
1	LD068 PCB GR METER CARD		
8	LED2MM_GREEN	CR23 CR24 CR25 CR26 CR27 CR28 CR29 CR30	
2	5mm MF PILLAR + M3 NUT	FIX12 FIX14	
1	LD069 PCB AUDIO METER CARD		
1	LED2MM_RED	CR31	
2	LED2MM_YELLOW	CR32 CR33	
5	LED2MM_GREEN	CR34 CR35 CR36 CR37 CR38	
2	M3x5	FIX19 FIX20	
1	LD070 PCB TOGGLE SWITCH CARD		
3	Double pole ON-ON-ON toggle switch	SW1	
	Double pole ON-ON-ON toggle switch	SW2	
	Double pole ON-ON-ON toggle switch	SW3	
2	2 PIN GOLD PLATED HEADER	P16 P17	Remove plastic after soldering.For chassis connection Remove plastic after soldering. For chassis connection
2	6 PIN RIGHT ANGLE HEADER	J12-J13	Connections to the LD067 Switch Card