

BAG NO:1

1 LD017B PCB

MICPRE ONE

MAIN CARD

1 LD018B PCB

INSTRUMENT INPUT / METER CARD

BAG NO:2

14	1N4003 DIODE	CR1
	1N4003	CR2
	1N4003	CR3
	1N4003	CR4
	1N4003	CR5
	1N4003	CR6
	1N4003	CR7
	1N4003	CR8
	1N4003	CR11
	1N4003	CR12
	1N4003	CR27
	1N4003	CR28
	1N4003	CR29
	1N4003	CR30

11	1N4148 DIODE	CR9
	1N4148	CR10
	1N4148	CR14
	1N4148	CR15
	1N4148	CR16
	1N4148	CR17
	1N4148	CR18
	1N4148	CR31
	1N4148	CR32
	1N4148	CR33
	1N4148	CR34
1	BZX85C ZENER DIODE	CR13

BAG NO 3

1	Gain Resistor Network	R12	1.2R
1	Gain Resistor Network	R13	2.4R
1	Gain Resistor Network	R14	4.87R
1	Gain Resistor Network	R15	9.53R
1	Gain Resistor Network	R16	19.6R
1	Gain Resistor Network	R17	39.2R
1	Gain Resistor Network	R18	82R
1	Gain Resistor Network	R19	187R
1	Gain Resistor Network	R20	453R
1	Gain Resistor Network	R21	1.6k
1	Gain Resistor Network	R22	1Meg
1	Gain Resistor Network	R23	1.2R

1 Gain Resistor Network	R24	10R
10	R10	5.6R
	R11	5.6R
	R49	5.6R
	R50	5.6R
	R69	5.6R
	R70	5.6R
	R89	5.6R
	R90	5.6R
	R141	5.6R
	R142	5.6R
4	R35	10R
	R36	10R
	R122	10R
	R123	10R
1	R37	10R/1W
1	R108	15R
1	R107	16R
1	R106	20R
1	R105	30R
6	R8	47R
	R33	47R
	R87	47R
	R104	47R
	R111	47R
	R114	47R
1	R103	75R
2	R72	100R
	R94	100R
2	R2	120R
	R102	120R
1	R91	160R
2	R45	270R
	R46	270R

2	R85	330R
	R47	330R
4	R26	680R
	R27	680R
	R42	680R
	R100	680R
6	R9	1k
	R34	1k
	R109	1k
	R124	1k
	R63	1k
	R78	1k
7	R53	1.2k
	R64	1.2k
	R79	1.2k
	R126	1.2k
	R129	1.2k
	R134	1.2k
	R137	1.2k
2	R131	1.5k
	R139	1.5k
1	R77	1.6k
4	R65	1.8k
	R68	1.8k
	R80	1.8k
	R82	1.8k
1	R98	2k
2	R60	2.2k
	R61	2.2k
8	R4	2.4k
	R6	2.4k
	R29	2.4k
	R31	2.4k
	R118	2.4k
	R119	2.4k
	R120	2.4k
	R121	2.4k

2	R62	3.3k
	R76	3.3k
4	R66	3.6k
	R67	3.6k
	R81	3.6k
	R83	3.6k
1	R75	4.3k
4	R127	4.64k
	R128	4.64k
	R135	4.64k
	R136	4.64k
8	R3	4.7k
	R7	4.7k
	R28	4.7k
	R32	4.7k
	R110	4.7k
	R112	4.7k
	R113	4.7k
	R115	4.7k
4	R39	6.8k
	R52	6.8k
	R56	6.8k OMIT / LEAVE ITS SPACE BLANK
	R58	6.8k OMIT / LEAVE ITS SPACE BLANK
	R71	6.8k
	R93	6.8k
1	R101	9.1k
2	R59	10k
	R73	10k
1	R41	11k
4	R5	22k
	R30	22k
	R116	22k
	R117	22k
1	R57	24k
1	R48	47k

1	R40	51k
1	R74	82k
11	R1	100k
	R25	100k
	R38	100k
	R43	100k
	R44	100k
	R51	100k
	R54	100k
	R55	100k
	R125	100k
	R133	100k
	R99	100k
2	R84	120k
	R92	120k
4	R88	130k
	R95	130k
	R96	130k
	R97	130k
2	R130	2.2Meg
	R138	2.2Meg
3	R86	5.6Meg
	R132	5.6Meg
	R140	5.6Meg

BAG NO:4

2 INDUCTOR BEAD	L1
INDUCTOR BEAD	L2
16 TESTPOINT / OUT LO	TP1
TESTPOINT / OUT HI	TP2
TESTPOINT / PRE LO	TP3
TESTPOINT / PRE HI	TP4
TESTPOINT / -V	TP5
TESTPOINT / +V	TP6
TESTPOINT / GND	TP7

TESTPOINT / PREAMP IN LO	TP8
TESTPOINT / PREAMP IN HI	TP9
TESTPOINT / DC IN	TP10
TESTPOINT / +12V	TP11
TESTPOINT / +18dBu	TP12
TESTPOINT / 0dBu	TP13
TESTPOINT / SP	TP14
TESTPOINT / THRU LO	TP15
TESTPOINT / THRU HI	TP16

BAG NO:5

1	10n	C62	OMIT / LEAVE ITS SPACE BLANK
15	100n/50V	C6	
	100n/50V	C7	
	100n/50V	C43	
	100n/50V	C44	
	100n/50V	C49	
	100n/50V	C50	
	100n/50V	C57	
	100n/50V	C58	
	100n/50V	C59	
	100n/50V	C60	
	100n/50V	C65	
	100n/50V	C66	
	100n/50V	C73	
	100n/50V	C74	
	100n/50V	C12	
1	100n/100V	C19	
2	10p	C30	
	10p	C41	
21	22p	C4	
	22p	C5	
	22p	C8	
	22p	C9	
	22p	C31	
	22p	C34	
	22p	C35	
	22p	C45	
	22p	C47	
	22p	C48	
	22p	C63	
	22p	C64	
	22p	C67	
	22p	C68	
	22p	C69	
	22p	C70	
	22p	C72	

22p	C79	
22p	C80	
22p	C81	
22p	C42	DO NOT FIT C42, C40 AND VC1 BEFORE
1 47p	C40	READING CMRR TRIMMING PROCEDURE
1 CAPACITOR VARIABLE 6-50pF	VC1	IN THE ASSEMBLY MANUAL, PAGE 34
4 100p/100V	C24	
100p/100V	C25	
100p/100V	C28	
100p/100V	C29	
6 CAPACITOR FILTER 100p	CL1	
CAPACITOR FILTER 100p	CL2	
CAPACITOR FILTER 100p	CL3	
CAPACITOR FILTER 100p	CL4	
CAPACITOR FILTER 100p	CL5	
CAPACITOR FILTER	CL6	
4 470n	C52	
470n	C53	
470n	C71	
470n	C82	
1 1u/63V	C56	
2 2.2u/50V	C26	
2.2u/50V	C27	
1 1000pF/100V	C20	
BAG NO:6		
3 BC560C PNP TRANSISTOR	Q1	USE FINE TIP SOLDERING IRON AND
BC560C PNP TRANSISTOR	Q2	THINNER GAUGE SOLDER
BC560C PNP TRANSISTOR	Q3	
2 2N3906 PNP TRANSISTOR	Q4	
2N3906 PNP TRANSISTOR	Q5	
2 LM339N COMPARATOR	U7	DO NOT FIT SOCKET DUE TO HEIGHT RESTRICTIONS
LM339N COMPARATOR	U8	DO NOT FIT SOCKET DUE TO HEIGHT RESTRICTIONS
1 THAT320 PNP TRANSISTOR ARRAY	U3	
1 TL072CN OPAMP	U6	DO NOT FIT SOCKET DUE TO HEIGHT RESTRICTIONS
2 NE5532P OPAMP	U4	
NE5532P	U5	
5 OP275GP OPAMP	U11	
OP275GP	U1	
OP275GP	U2	
OP275GP	U9	
OP275GP	U10	
7 8 PIN DIL SOCKET		

1 14 PIN DIL SOCKET

BAG NO:7

2 MULTITURN TRIMPOT 10k	VR2	DO NOT FIT VR2 & VR3 BEFORE READING SYMMETRY TRIMMING PROCEDURE IN THE ASSEMBLY MANUAL, PAGE 30
MULTITURN TRIMPOT 10k	VR3	
2 PTC FUSE 200mA	PTC1	
PTC FUSE 200mA	PTC2	

BAG NO:8

1 10u/50V 10%	C61
1 22u/63V	C21
12 47u/25V	C38
47u/25V	C39
47u/25V	C51
47u/25V	C10
47u/25V	C11
47u/25V	C32
47u/25V	C33
47u/25V	C46
47u/25V	C54
47u/25V	C55
47u/25V	C77
47u/25V	C78
2 47u/63V	C22
47u/63V	C23
6 220u/25V	C13
220u/25V	C14
220u/25V	C36
220u/25V	C75
220u/25V	C76
220u/25V	C37
3 470u/25V	C1
470u/25V	C2
470u/25V	C3
4 3300u/6.3V	C15
3300u/6.3V	C16
3300u/6.3V	C17
3300u/6.3V	C18

BAG NO:9

1 4 POLE LATCHING RED	SW2	THESE SWITCHES ARE PACKED WITH CIRCULAR COLOURED STICKERS ON THEM FOR CORRECT COLOUR CODING. PLEASE PAY ATTENTION.
1 4 POLE LATCHING GREEN	SW3	
2 4 POLE LATCHING BLUE	SW4	

4 POLE LATCHING BLUE	SW7	THESE SWITCHES ARE PACKED WITH CIRCULAR COLOURED STICKERS ON THEM FOR CORRECT COLOUR CODING. PLEASE PAY ATTENTION.
1 4 POLE LATCHING YELLOW	SW5	
1 4 POLE LATCHING RED	SW6	
6 SWITCH CAPS CLEAR		

BAG NO:10

1 FADER POTENTIOMETER 10KLG	VR1	
1 LD019B PCB		DO NOT SOLDER BEFORE BACK PLATE ALINGMENT.
2 PIN2 RIGHT ANGLE PIN HEADER	J2A/B	JOINS LD017B TO LD019B
1 GAIN SWITCH	SW1	DO NOT SOLDER BEFORE BACK PLATE ALINGMENT.
1 STACKJACK NEUTRIK NSJ12HC	J6	
1 FIXING SCREW FOR J6 STACK JACK		
2 RING SPACERS FOR J6 STACK JACK		
1 FADER KNOB		PUSH-ON
1 GAIN KNOB		
1 HEX ALLEN KEY		GAIN KNOB GRUB SCREW FIXING

BAG NO:11

1 BACKPLATE		
2 SCREW M2 x 4mm + WASHER		
3 SCREW M3 x 6mm + WASHER		FIXES BACKPLATE TO FACEPLATE. FIT THE EXTRA WASHERS OVER SCREWS TO SHORTEN LENGTH.
1 FACEPLATE		
1 LHS SCREENPLATE		
4 SCREW M3 x 6mm		FIX 2, FIX4, FIX7, FIX9 MAIN CARD TO LHS
3 M3 x 23mm LONG HEX PILLAR	FIX3	FIX TO HOLE FIX3 ON THE MAIN CARD
M3 x 23mm LONG HEX PILLAR	FIX6	FIX TO HOLE FIX6 ON THE MAIN CARD
M3 x 23mm LONG HEX PILLAR	FIX8	FIX TO HOLE FIX8 ON THE MAIN CARD
6 SCREW M3 x 6mm		
2 SCREW UNC 4-40		FIX MODULE TO THE RACK

BAG NO:12

1 MALE 2 PIN LOCKING HEADER	J3	FOR FUTURE USE, NOTHING TO CONNECT
3 3WAY SINGLE ROW HEADER	P1	
3WAY SINGLE ROW HEADER	P2	
3WAY SINGLE ROW HEADER	P3	
3 JUMPER LINKS RED,OPEN		
1 PIN20 PCB BOX MALE HEADER	J4	
1 RIBBON CABLE ASSEMBLY	J5	FIX INSTR./ METER CARD TO MAIN CARD
1 LED2MM HE RED	CR19	
2 LED2MM YELLOW	CR20	
LED2MM YELLOW	CR21	
5 LED2MM GREEN	CR22	
LED2MM GREEN	CR23	

LED2MM GREEN	CR24
LED2MM GREEN	CR25
LED2MM GREEN	CR26

1 SCHEMATICS

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