

**LD055 MID-SIDE ONE MAIN BOARD**

<b>Count</b>	<b>ComponentName</b>	<b>Designation</b>	<b>Notes</b>
1	LD055 PCB		
2	5.6R	R10 R11	
2	1.2K	R12 R13	
2	2.2Meg	R17 R28	
4	3.9k	R15 R16 R26 R27	
1	6.8k	R20	
4	10k	R1 R3 R5 R8	
9	100k	R2 R4 R7 R9 R14 R18 R25 R29 R30	

2 100R

R21

R22

1 120k

R19

2 OMIT  
OMIT

R23

R24

1 10R 1W  
2 1N4003

R6

CR1

CR2

9 TEST POINT

TP1

TP2

TP3

TP4

TP5

TP6

TP7

TP8

TP9

GND

LEFT (M) OUT

RIGHT (S) OUT

LEFT (M) IN

RIGHT (S) IN

+17V

-17V

SIDE IN

MID IN

11 100n/50V 2.5mm X7R

C1

C2

C5

C6

C7

C8

C11

C12

C13

C23

C24

1 47n/5mm 5% FILM	C18
2 100nF / 5mm 5% FILM	C19
100n / 5mm 5% FILM	C25
2 PTC 200mA	PTC1
PTC 200mA	PTC2
4 100u/16V	C3
	C4
	C9
	C10
2 47u/25V	C14
	C15
5 220u/25V	C16
	C17
	C20
	C21
	C22
2 2N3906	Q1
	Q2
4 OP275GP	U1
	U4
	U7
	U8
8 8PIN DIL SOCKET	
3 THAT1240P08-U	U2
	U5
	U6
1 THAT1246P08-U	U3

USE IC SOCKET  
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IC SOCKETS ARE OPTIONAL.  
THAT CORPORATION RECCOMENDS SOLDERING DIRECTLY TO  
THE PCB. HOWEVER MANY USERS FITTED THE IC SOCKETS  
AND REPORTED NO LOSS IN PERFORMANCE.

3 PIN3	P1 P2 P3	
4 JUMPER LINKS RED, OPEN, 2.54mm PITCH		FOR P1-P3
2 10-WAY PCB BOX MALE HEADER	J4 J5 J2 J7	L -16 LED METER CONNECTION R-16 LED METER CONNECTION FITTED WHEN USED WITH MICPRE TWO OR INSERT ONE ONLY. FITTED WHEN USED WITH MICPRE TWO OR INSERT ONE ONLY.
1 26 WAY PCB BOX MALE HEADER	J6 J8	LD057 I/O CARD CONNECTION LD056 SUB CARD CONNECTION
1 50kC DUAL	VR1	FILTER FREQUENCY
1 10kC DUAL WITH CENTRE DETENT, LAW 1B	VR2	WIDTH
2 LD040 POT CARD RIGHT ANGLE HEADER	A1-A2	
2 LD040 POT CARD		
1 PUSH-FIT KNOB GREEN		FILTER FREQUENCY
1 PUSH-FIT KNOB WHITE		WIDTH
1 10K MULTI TURN TOP ADJUST	VR3	OMIT
1 4 POLE LATCHING ML SERIES RED	SW1	
2 4 POLE LATCHING ML SERIES GREEN	SW2 SW3	
2 4 POLE LATCHING ML SERIES YELLOW	SW4 SW5	
5 SWITCH CAPS 8mm CLEAR		

1 BACKPLATE

3 M2 x 6mm PAN/POZI SCREW

FIX4 BACKPLATE TO LD055 MAIN

FIX7 CARD FIXING

FIX11

6 M3 x 6mm PAN/POZI SCREW

BACKPLATE TO FACE PLATE FIXING

3 13.5mm FEMALE TO FEMALE HEX PILLAR

FIX5 FOR LD056 SWITCH SUB CARD FIXING

FIX8

FIX10

3 M3 x 6mm PAN/POZI SCREW

FROM THE BOTOM TO HEX PILLARS

2 40mm FEMALE TO FEMALE HEX PILLAR

FIX6 FOR LD055 METERS FIXING

FIX9

2 M3 x 6mm PAN/POZI SCREW

FROM THE BOTOM TO HEX PILLARS

2 36.5mm FEMALE TO FEMALE HEX PILLAR

FIX2 FOR LD057 IO CARD FIXING

FIX13

2 M3 x 6mm PAN/POZI SCREW

FROM THE BOTOM TO HEX PILLARS

2 36.5mm MALE TO FEMALE HEX PILLAR

FIX3 FOR LD055 MAIN CARD TO LHS PLATE

FIX14 FIXING. FROM THE TOP.

1 LEFT HAND SIDE SCREEN PLATE

2 M3 x 6mm PAN/POZI SCREW

FIX1 FOR LD055 MAIN CARD TO LHS PLATE

FIX12 FIXING. FROM THE TOP.

1 RIGHT HAND SIDE SCREEN PLATE

2 M2 x 6mm PAN/POZI SCREW

FIX4 RHS SCREEN PLATE-BACKPLATE FIXING

FIX7

1 FACEPLATE + LASER CUT FACIA

4 UNC 4-40 MODULE FIXING SCREW





