

LD052 16 LED METER

Count	Component Name	Designation	Notes
1	LD052 PCB		
5	1N4148	CR1 CR19 CR20 CR21 CR22	
1	BZX85C 12V/1.3W	CR2	
1	5.1R	R30	
2	5.6R	R16 R17	
1	6.8R	R28	
1	9.1R	R27	
2	10R	R26 R29	
1	13R	R25	
1	14.3R	R31	
1	18R	R24	
1	22R	R15	
1	27R	R14	

1 36R	R13
1 43R	R12
1 47R	R2
1 56R	R11
1 75R	R10
2 100R	R36 R37
2 160R	R1 R21
1 196R	R9
1 330R	R4
1 470R	R7
1 1k5	R19
1 2k	R5
1 3k	R22
1 6.8k	R38
2 10k	R20 R23

1 20k	R18
1 43k	R8
4 68k	R32
	R33
	R34
	R35
1 120k	R39
1 620k	R6
1 5.6Meg	R3
1 2mm RED LED	CR3
4 2mm YELLOW LED	CR4
	CR5
	CR6
	CR7
11 2mm GREEN LED	CR8
	CR9
	CR10
	CR11
	CR12
	CR13
	CR14
	CR15
	CR16
	CR17
	CR18

4 LM339 MUST BE ON SEMI

U1
U2
U3
U5

DO NOT FIT IC SOCKET
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1 TL072CN

U4

DO NOT FIT IC SOCKET

5 TESTPOINT HUGS SMALL

TP1
TP2
TP3
TP4
TP5

DC IN
12V
+18dBu
0dBu
SIG

2 2N3906

Q1
Q2

8 100n/50V 2mm CERAMIC X7R (NOT Y5V)

C1
C2
C8
C9
C12
C13
C14
C15

1 1u/63V 5mm 5% FILM

C4

1 10u/50V
5 47u/25V

C5
C3
C6
C7
C10
C11

MUST BE 10% OR SELECTED

1 10WAY PCB TRANSITION HEADER J1

1 10WAY CABLE SOCKET

1 10WAY RIBBON CABLE

SHORTER RIBBON LEFT METER (BOTTOM)

LONGER RIBBON RIGHT METER (TOP)

2 M3 X 15mm MALE TO FEMALE HEX PILLAR

FIX LEFT METER (BOTTOM)

2 M3x6mm PAN/POZI SHAKEPROOF

FIX RIGHT METER (TOP)