

OLIVIA  
54 E2 2:22/9:00

79.3 mm ↔

↑  
158mm  
↓

L4 L5 L6 L7 L8 L9 L10 L11 L12 L13

CLAMP  
RED

SOLDER 1 PIN TO TOP ROW FOR SUPPORT  
1-3 LEDs x 10  
OPEN  
CRYSTALS x4 ANY



3/8" SCREW ANT MOUNT 9/64" Hole size  
≈ 80-85mm COLLAPSED  
9-29 DC METER  
54.8mm x 49mm

WIRES WARP  
AROUND  
(White  
Green  
Yellow)

OMRON  
GSV-1  
5V or 12V  
Any  
8x15mm

SIGNAL  
RELAY 8 32-36  
x2

GRN/BLU  
CLAMP

3/8" SCREW ANT MOUNT. LM3914N  
33-36 CRYSTALS  
2 CRYSTALS ANY 10.240 3mm SCREW/NUT (1 EACH) 1/8" Hole size

BRN/GRN/BRN/YEL/BLU/WH

WHITE 5"

CLAMP  
WHITE  
Yellow

42-45 2ND ROW CHIPS { 18PIN LM182A { 18PIN ULN2803 { 16PIN 41256-12

46-53 WIRES 3mm SCREWS x2 1/8" Hole size WHITE WIRE SWAKES  
3RD ROW CHIPS 54-57 { 14-16PIN 41256-12 { 16PIN MC14175B { 16PIN 41256-12

59-61 3mm SCREWS x2 BATTERY MOUNT 1/8" Hole size Yellow WIRE WRAPS AROUND

Sheet:		
File: 10 LED EMF Meter.kicad.pcb		
Title: 10 LED EMF Meter		
Size: A4	Date: 2025-04-03	Rev: 2
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