

# MicroRally

## MR Indicators-2

Revision 1

Dimmable LED indicator board

4x active-low channels, 20mm pitch.

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A

B

C

D

A

B

C

D

TP1 DIMM  
Test Point

TP2 GND  
Test Point

TP3 12V  
Test Point

J1 1 DIMM  
2 GND  
3 12V  
Micro-Latch 1x3

J2 1 CH1  
2 CH2  
3 CH3  
4 CH4  
Micro-Latch 1x4

TP4 DIMM  
Test Point

TP5 GND  
Test Point

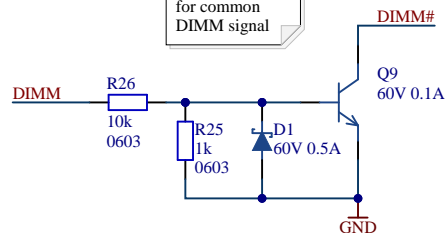
TP6 12V  
Test Point

Connection for daisy chaining

Min. resistance for R1 (1206 size) is 820 ohm.

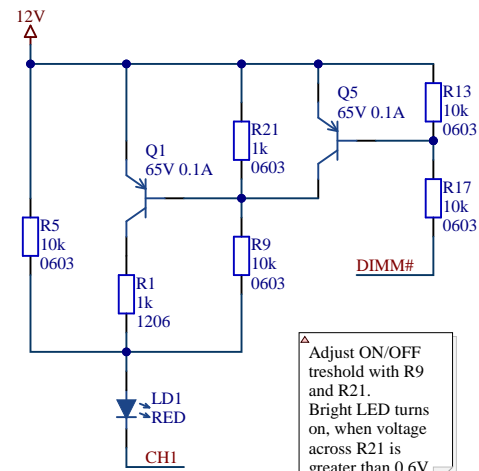
Min. resistance for R5 (0603 size) is 2.2k ohm.

Logic inverter for common DIMM signal

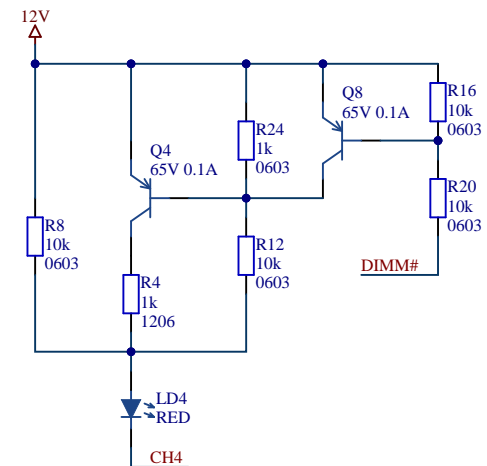
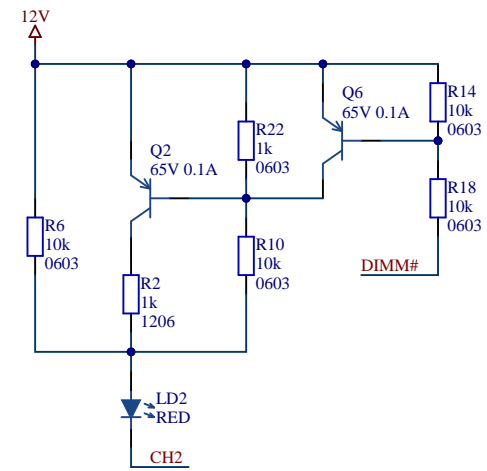
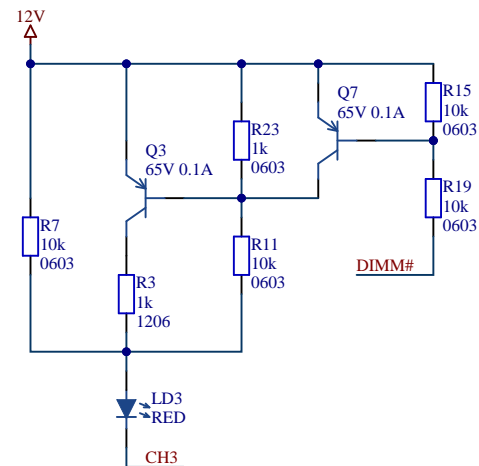


Adjust bright LED brightness with R1.

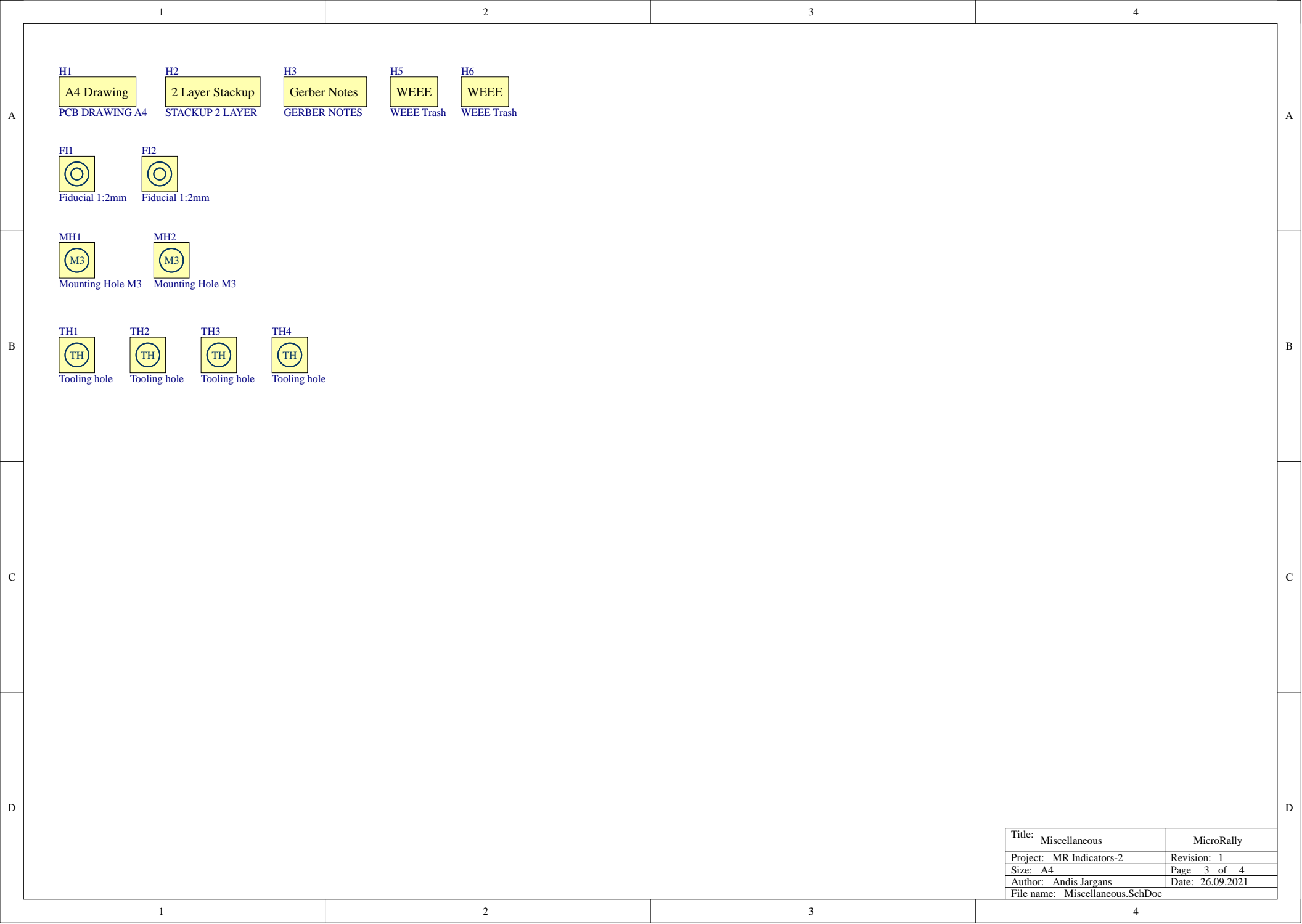
Adjust dimmed LED brightness with R5.



Adjust ON/OFF threshold with R9 and R21. Bright LED turns on, when voltage across R21 is greater than 0.6V



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	Revision history			
	Revision	Date	Fixed issue	Changes
	r1	2021-09-26		Initial design.
A				
B				
C				
D				
	1	2	3	4

Title: Revision history	MicroRally
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