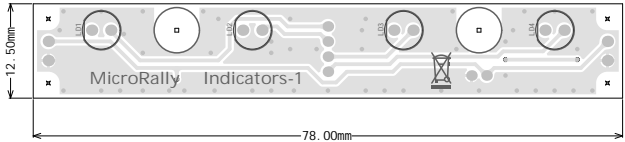
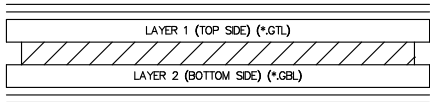


GERBER NOTES

Symbol	Count	Hole Size	Plated	Hole Type	Via/Pad
⊕	50	0.300mm	PTH	Round	Via
⊛	10	0.800mm	PTH	Round	Pad
○	8	0.900mm	PTH	Round	Pad
⊗	4	1.152mm	NPTH	Round	Pad
□	2	3.200mm	NPTH	Round	Pad
	74 Total				



1.0 OZ L1
1.50 mm Core – FR4
1.0 OZ L2



SILKSCREEN (TOP SIDE) (*GTO)
SOLDERMASK (TOP SIDE) (*GTS)
1.6 mm +/- 10% LAYER DETAIL 2 LAYERS
SOLDERMASK (BOTTOM SIDE) (*GBS)
SILKSCREEN (BOTTOM SIDE) (*GBO)
PASTE (BOTTOM SIDE) (*GBP)

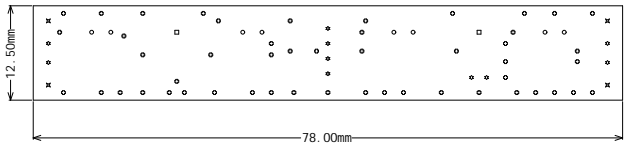
NOTES: (UNLESS OTHERWISE SPECIFIED)

- THIS IS 2 LAYER BOARD
- MATERIAL: FR4, TG 150 DEGREE C MIN
- FR4 DIELECTRIC CONSTANT NOT SPECIFIED
- FINISHED BOARD THICKNESS TO BE 1.60MM +/- 10%
- TRACE WIDTHS IN ARTWORK ARE FINISHED SIZES
- SEE FILM FOR LAYER SEQUENCE AND COPPER THICKNESSES (SHOWN BEFORE PLATING)
- MIN TRACE/SPACE 0.30/0.20MM
- SEE DRILL CHART FOR FINISHED HOLE SIZES
- MIN DRILL 0.30MM
- HOLE TOLERANCE IS +/-3MIL UNLESS OTHERWISE SPECIFIED
HOLE COPPER THICKNESS MIN 0.7MIL
SLOT TOLERANCE +/-0.1MM
BORDER OUTLINE TOLERANCE +/-0.15MM
- SURFACE PLATING: HASL, Pb FREE
- SOLDERMASK: LPI, BOTH SIDES. COLOR GREEN
- SILKSCREEN: TOP AND BOTTOM SIDE. COLOR WHITE
- ALL BOARDS MUST BE ELECTRICALLY TESTED FOR ISOLATION (SHORTS) AND CONTINUITY (OPENS)

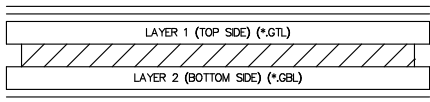
Project: MR Indicators-1	
Author: Andis Jargans	Revision: 1
Date: 24.09.2021	Size: A4
File: MR_Indicators-1_r1.PcbDoc	MicroRally

GERBER NOTES

Symbol	Count	Hole Size	Plated	Hole Type	Via/Pad
⊕	50	0.300mm	PTH	Round	Via
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□	2	3.200mm	NPTH	Round	Pad
	74 Total				



1.0 OZ L1
1.50 mm Core – FR4
1.0 OZ L2



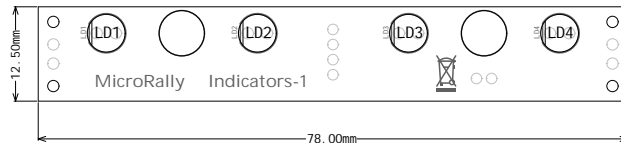
1.6 mm +/- 10%
SILKSCREEN (TOP SIDE) (*GTO)
SOLDERMASK (TOP SIDE) (*GTS)
LAYER DETAIL 2 LAYERS
SOLDERMASK (BOTTOM SIDE) (*GBS)
SILKSCREEN (BOTTOM SIDE) (*GBO)
PASTE (BOTTOM SIDE) (*GBP)

NOTES: (UNLESS OTHERWISE SPECIFIED)

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- MATERIAL: FR4, TG 150 DEGREE C MIN
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- MIN DRILL 0.30MM
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BORDER OUTLINE TOLERANCE +/-0.15MM
- SURFACE PLATING: HASL, Pb FREE
- SOLDERMASK: LPI, BOTH SIDES. COLOR GREEN
- SILKSCREEN: TOP AND BOTTOM SIDE. COLOR WHITE
- ALL BOARDS MUST BE ELECTRICALLY TESTED FOR ISOLATION (SHORTS) AND CONTINUITY (OPENS)

Project: MR Indicators-1	
Author: Andis Jargans	Revision: 1
Date: 24.09.2021	Size: A4
File: MR_Indicators-1_r1.PcbDoc	MicroRally

ASSEMBLY NOTES



DAISY CHAIN BPARDS

USE 2.54MM PITCH PADS TO DAISY CHAIN ADJECENT BOARD CONTROL SIGNALS

IN THIS WAY ONLY ONE 2 PIN CONNECTOR IS NECCESERY FOR COMMON GROUND RETURN AND DIMM SIGNAL INPUT

INPUT LEVELS

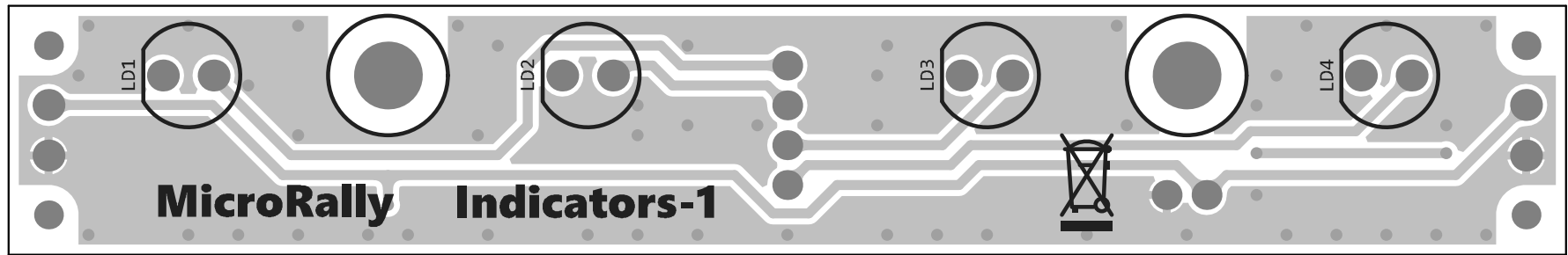
ALL INPUTS ARE ACTIVE HIGH - ARE ON WHEN 12V VOLTAGE IS APPLIED

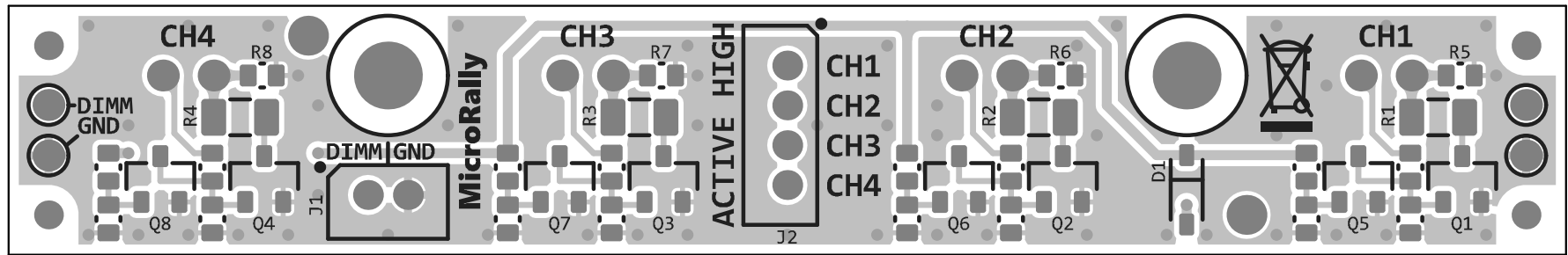
ON TRESHOLD CAN BE ADJUSTED BY CHANGEING INPUT VOLATGE DIVIDER NOMINALS

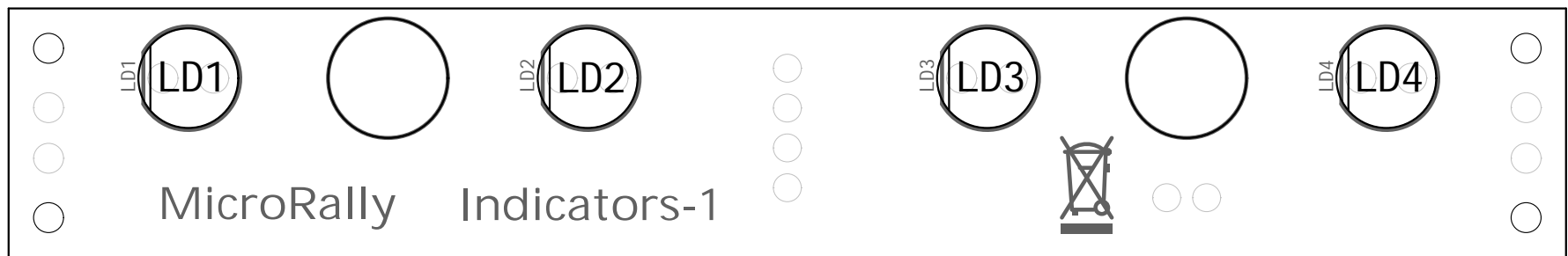
LED BRIGHTNESS

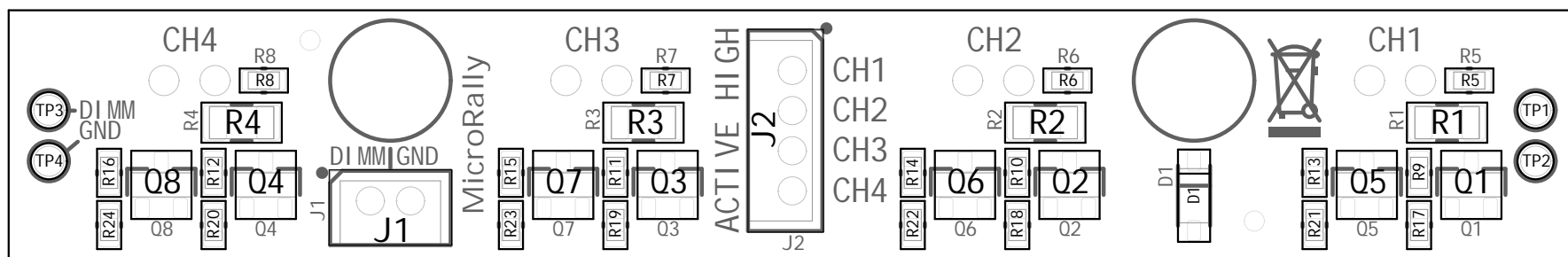
LED BRIGHTNESS CAN BE CHANGED BY CHANGEING CURRENT LIMITING RESISTORS.

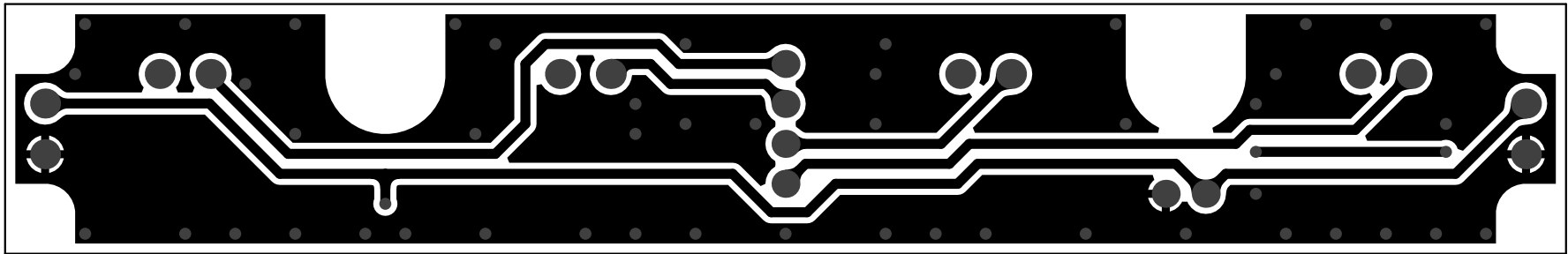
Project: MR Indicators-1	
Author: Andis Jargans	Revi si on: 1
Date: 24. 09. 2021	Si ze: A4
Fi le: MR_Indi cators-1_r1. PcbDoc	Mi croRal ly

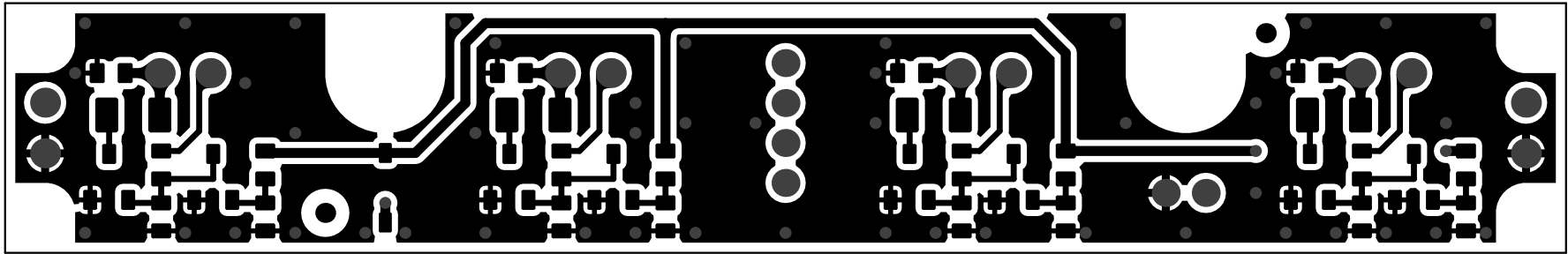


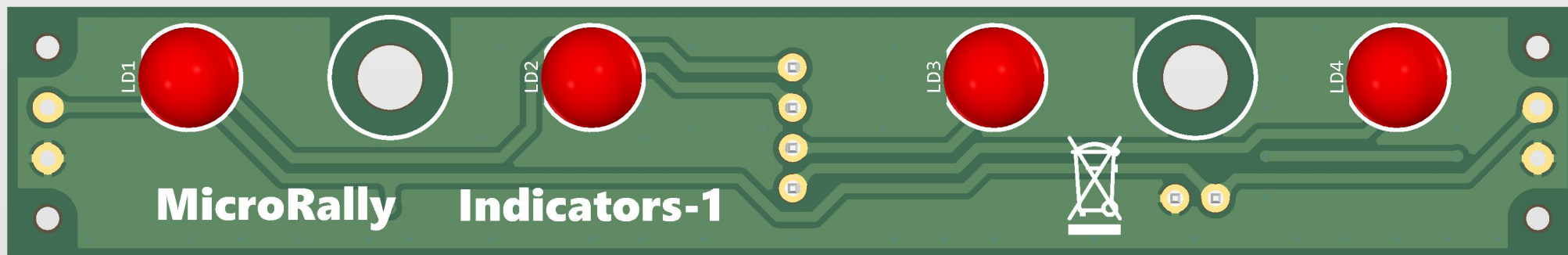


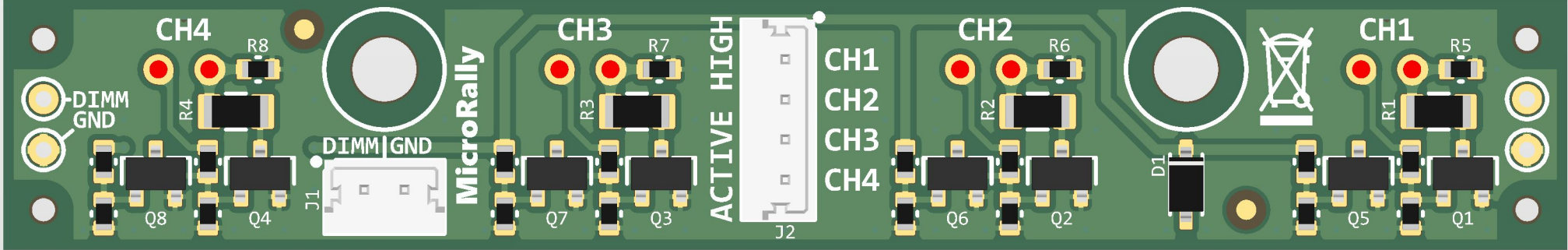


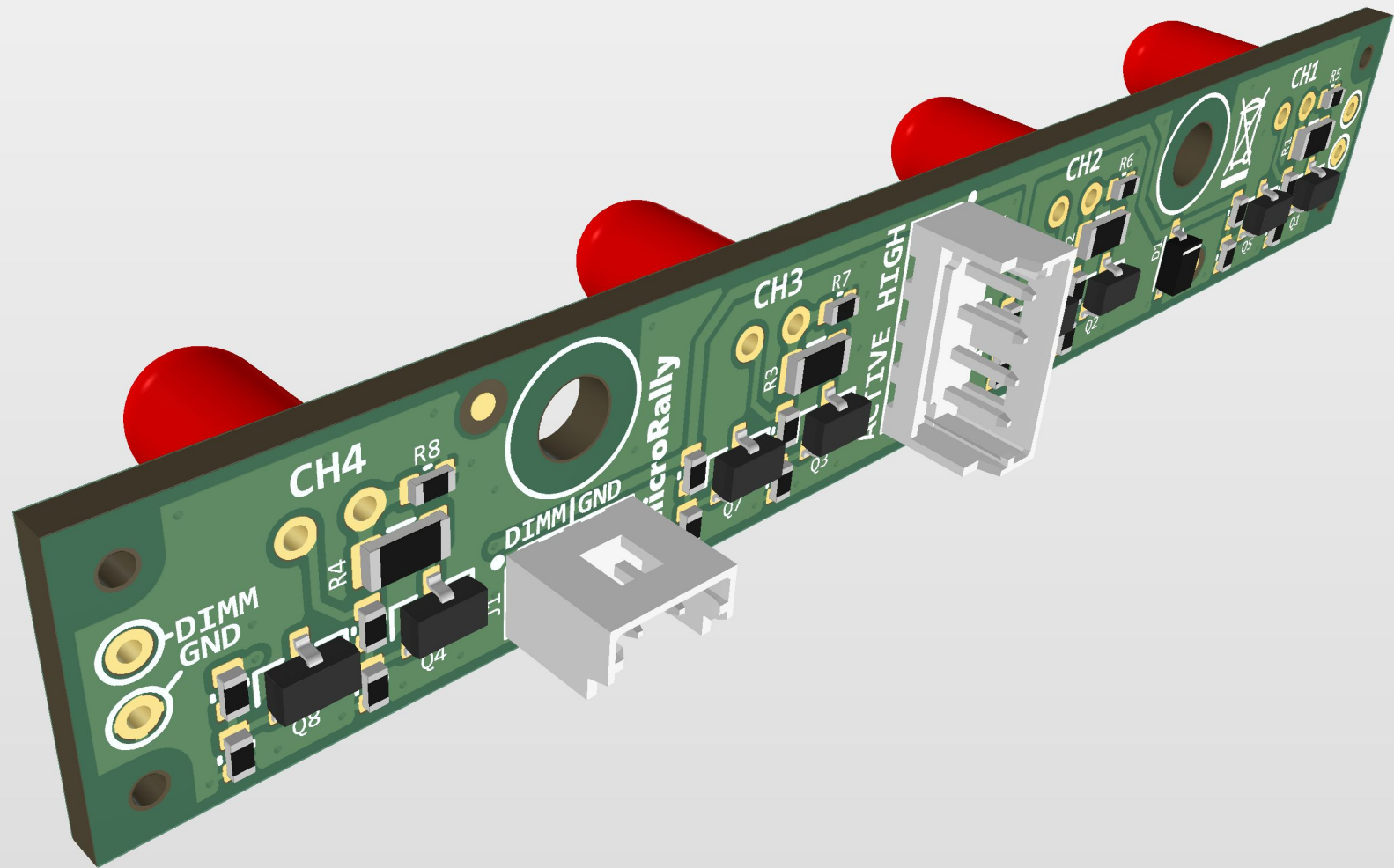


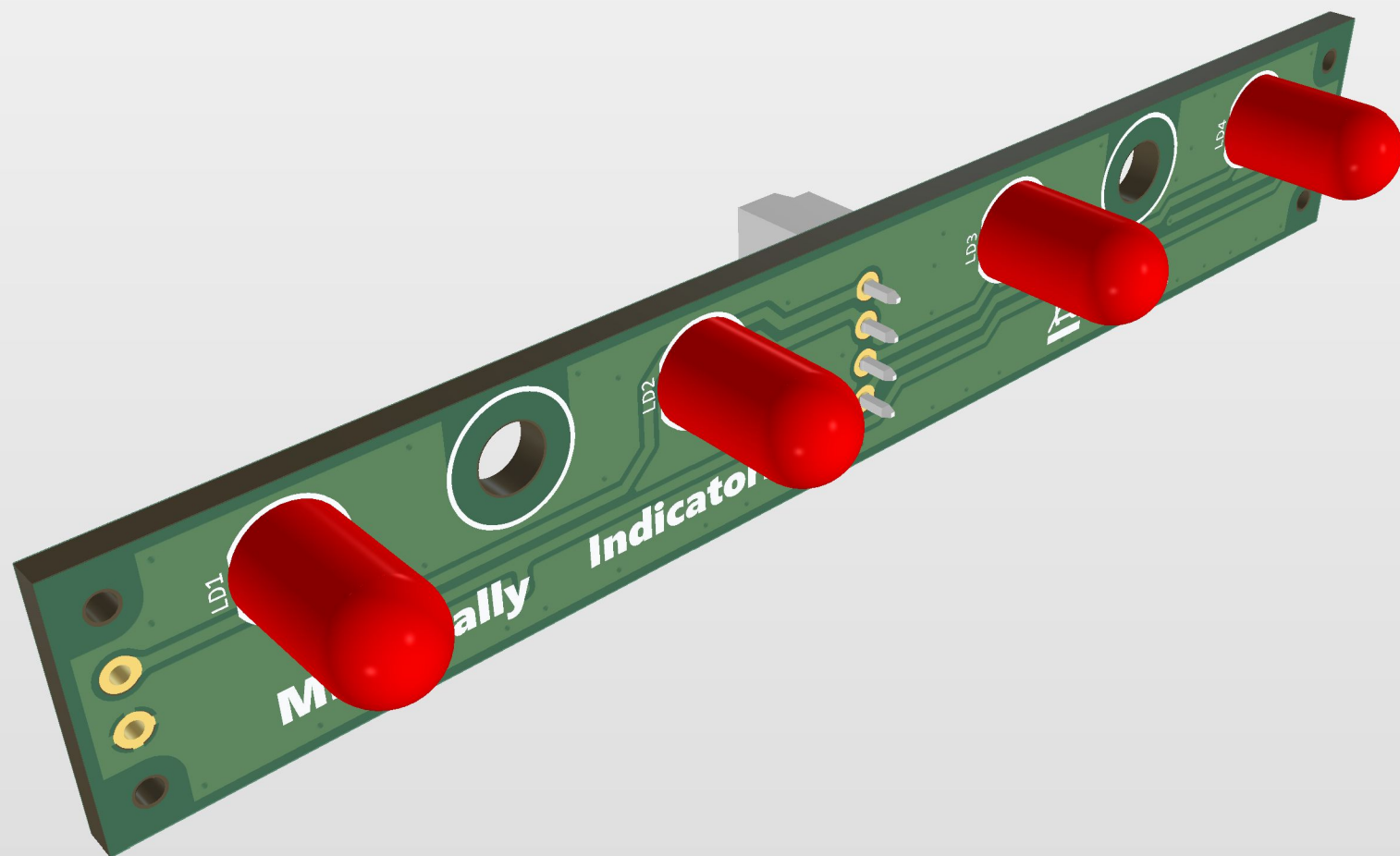




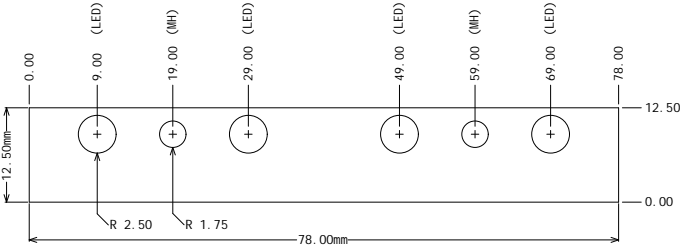








PANEL CUTOUT NOTES



Project: MR Indicators-1	
Author: Andi s Jargans	Revi si on: 1
Date: 24. 09. 2021	Si ze: A4
Fi le: MR_Indi cators-1_r1. PcbDoc	Mi croRal ly