
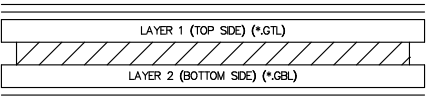


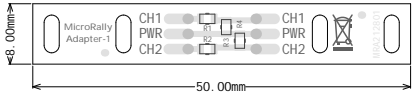
GERBER NOTES

Symbol	Count	Hole Size	Plated	Hole Type	Via/Pad
	6	0.800mm	PTH	Round	Pad
	6 Total				

1.0 OZ L1
1.50 mm Core – FR4
1.0 OZ L2



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



NOTES: (UNLESS OTHERWISE SPECIFIED)

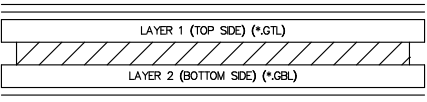
- THIS IS 2 LAYER BOARD
- MATERIAL: FR4, TG 150 DEGREE C MIN
- FR4 DIELECTRIC CONSTANT NOT SPECIFIED
- FINISHED BOARD THICKNESS TO BE 1.60MM +/- 10%
- TRACE WIDTHS IN ARTWORK ARE FINISHED SIZES
- SEE FILM FOR LAYER SEQUENCE AND COPPER THICKNESSES (SHOWN BEFORE PLATING)
- MIN TRACE/SPACE 0.80/0.60MM
- SEE DRILL CHART FOR FINISHED HOLE SIZES
- MIN DRILL 0.80MM
- 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 SIDE. COLOR WHITE
- ALL BOARDS MUST BE ELECTRICALLY TESTED FOR ISOLATION (SHORTS) AND CONTINUITY (OPENS)

Project: MR Adapter-1	
Author: Andis Jargans	Revision: 1
Date: 13.07.2021	Size: A4
File: MR_Adapter-1_r1.PcbDoc	MicroRally

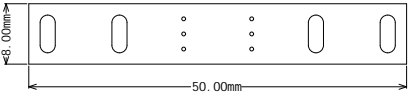
GERBER NOTES

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○	6	0.800mm	PTH	Round	Pad
	6 Total				

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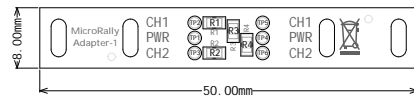


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Author: Andis Jargans	Revision: 1
Date: 13.07.2021	Size: A4
File: MR_Adapter-1_r1.PcbDoc	MicroRally

ASSEMBLY NOTES



Pull-up configuration:

PWR - 5V
R1, R2 -> OR
R3, R4 -> Pull-up resistors

Pull-down configuration:

PWR - GND
R1, R2 -> OR
R3, R4 -> Pull-down resistors

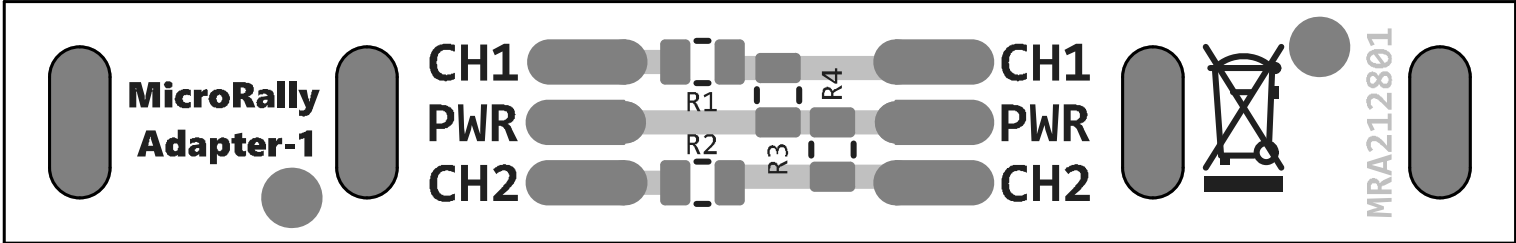
Voltage divider configuration:

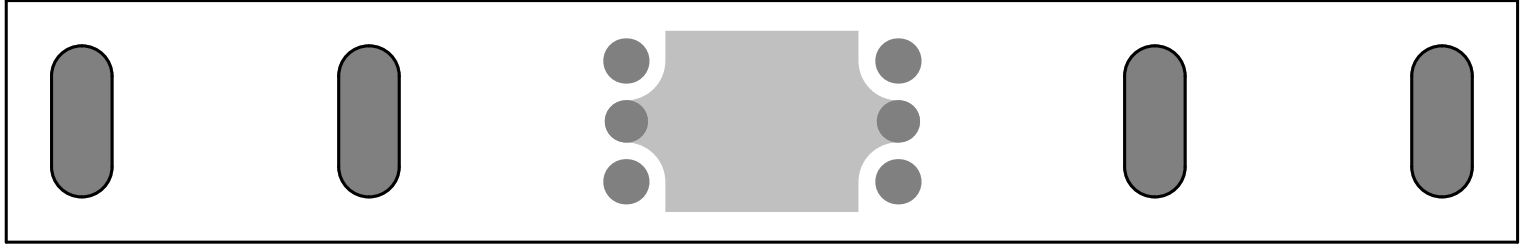
PWR - GND
R1, R2 -> High side resistors
R3, R4 -> Low side resistors

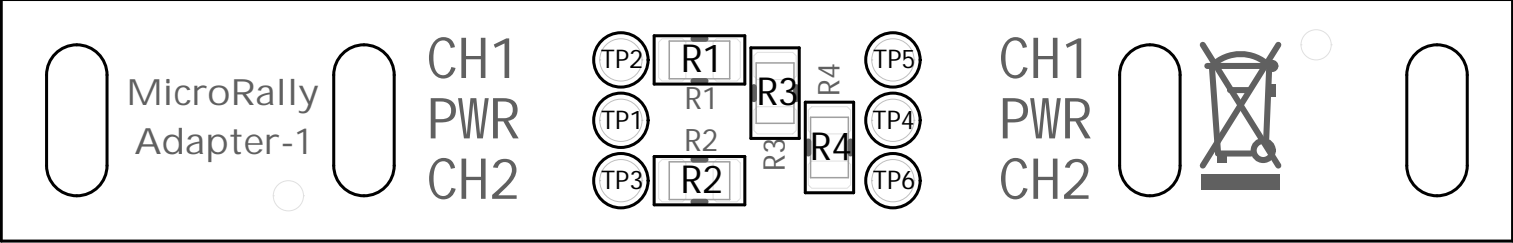
Low pass filter configuration:

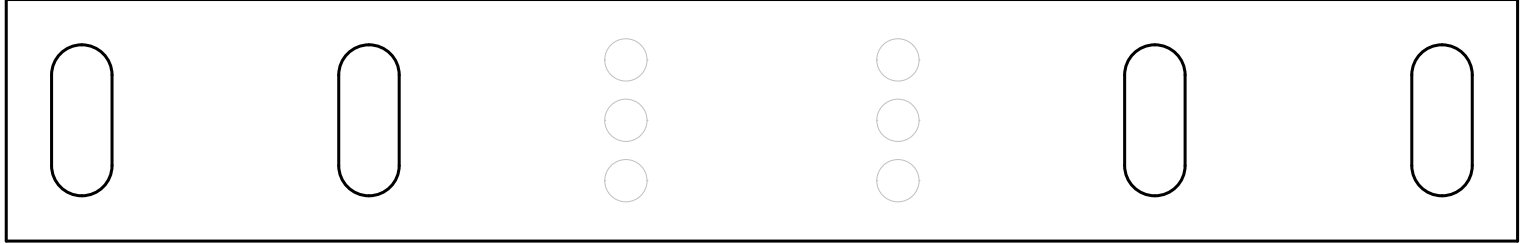
PWR - GND
R1, R2 -> Resistor
R3, R4 -> Capacitor

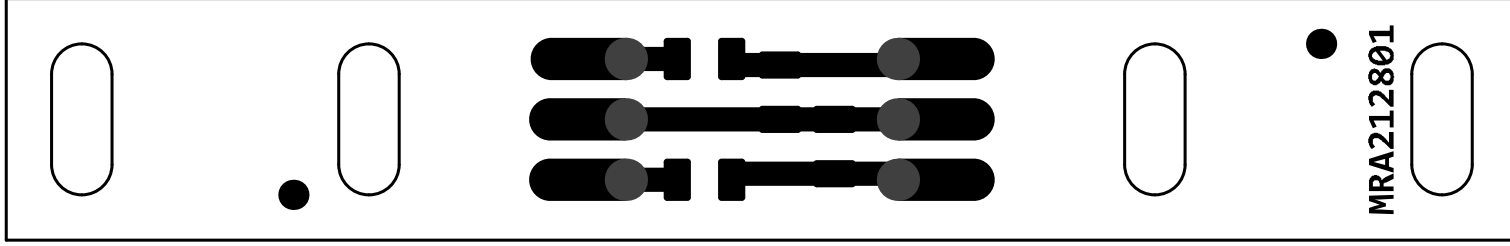
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Author: Andi s Jargans	Revision: 1
Date: 13. 07. 2021	Size: A4
File: MR_Adapter-1_r1. PcbDoc	MicroRally

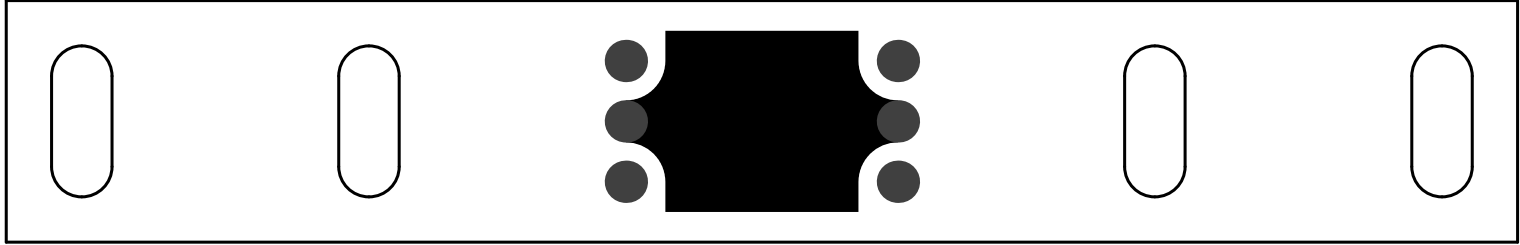














**MicroRally
Adapter-1**



CH1
PWR
CH2



R1

R2



R3



R4



CH1
PWR
CH2



MRA212801



