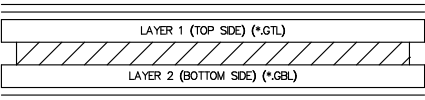


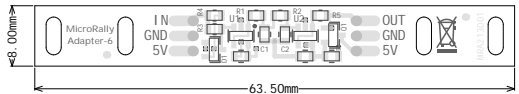
GERBER NOTES

Symbol	Count	Hole Size	Plated	Hole Type	Via/Pad
	10	0.300mm	PTH	Round	Via
	6	0.800mm	PTH	Round	Pad
	16 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)

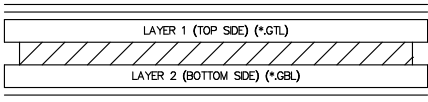
- THIS IS 2 LAYER BOARD
- MATERIAL: FR4, TG 150 DEGREE C MIN
- FR4 DIELECTRIC CONSTANT NOT SPECIFIED
- FINISHED BOARD THICKNESS TO BE 1.60MM +/- 10%
- TRACE WIDTHS IN ARTWORK ARE FINISHED SIZES
- SEE FILM FOR LAYER SEQUENCE AND COPPER THICKNESSES (SHOWN BEFORE PLATING)
- MIN TRACE/SPACE 0.25/0.30MM
- 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 SIDE. COLOR WHITE
- ALL BOARDS MUST BE ELECTRICALLY TESTED FOR ISOLATION (SHORTS) AND CONTINUITY (OPENS)

Project: MR Adapter-6	
Author: Andis Jargans	Revision: 1
Date: 28.07.2021	Size: A4
File: MR_Adapter-6_r1.PcbDoc	MicroRally

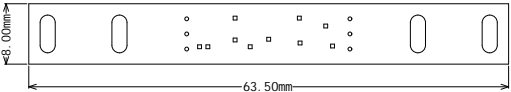
GERBER NOTES

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□	10	0.300mm	PTH	Round	Via
○	6	0.800mm	PTH	Round	Pad
	16 Total				

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

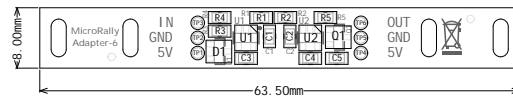


NOTES: (UNLESS OTHERWISE SPECIFIED)

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Project: MR Adapter-6	
Author: Andis Jargans	Revision: 1
Date: 28.07.2021	Size: A4
File: MR_Adapter-6_r1.PcbDoc	MicroRally

ASSEMBLY NOTES



PWM input pull-up:

Load R4 to add 5V pull-up

Low Pass Filter

Use R1, C1, R2, C2 to adjust filter cut-off frequency for necessary PWM frequency.

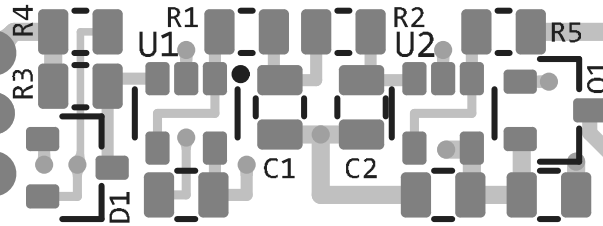
Output current limit:

Use R5 to adjust output current limit. It's very important if capacitive load is driven, as too low output resistance will cause output to oscillate.

Project: MR Adapter-6	
Author: Andis Jargans	Revision: 1
Date: 28.07.2021	Size: A4
File: MR_Adapter-6_r1.PcbDoc	MicroRally

**MicroRally
Adapter-6**

IN
GND
5V



OUT
GND
5V



MRA213001

