

1

2

3

4

A

A

MicroRally

MR-SP3SM

revision 1

Double sided layout, 2 layer board

B

B

Smart Panel with 3 toggle switches, Analog MUX output for EMU and 3 Open-Drain outputs as regular switches

C

C

D

D

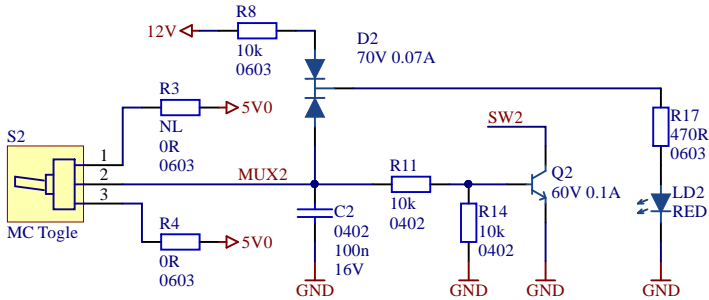
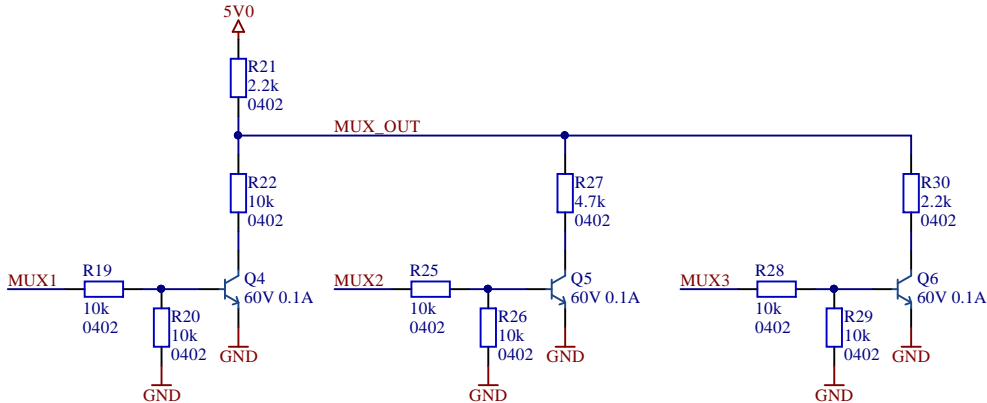
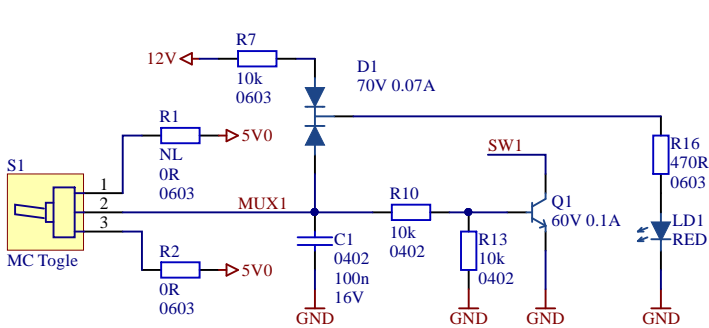
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Size	Number		Revision
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Date:	06.03.2019		Sheet of
File:	D:\MicroRally\..\Title.SchDoc		Drawn By: Andis Jargans

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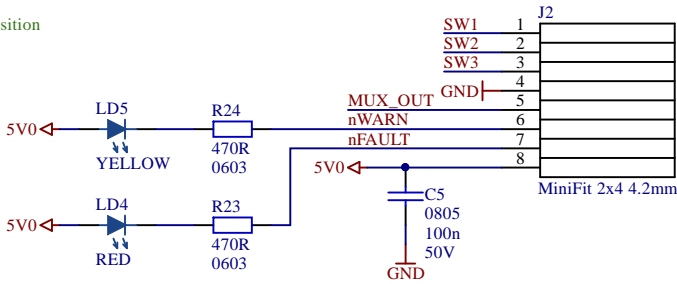
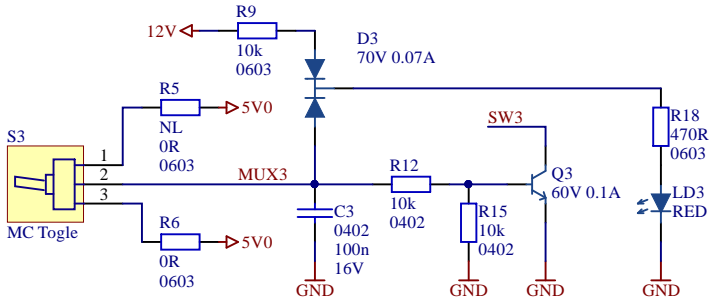
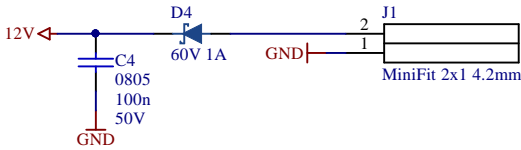
4



On-Off switch - 1MS1T1B1M1
Mom-Off switch - 1MS2T1B1M1
Mom-Off-On switch - 1MS5T1B1M1

Place 2+H mm standoff under LEDs - ex. Multicomp LED-4.5A, H - Panel thickness

Load one of 0R resistors to set active position
R1 etc. - Active down
R2 etc. - Active up



H1

A4 Drawing

PCB DRAWING A4

H2

2 Layer Stackup

STACKUP 2 LAYER

H3

Gerber Notes

GERBER NOTES

H4

Code MR

Signature Code

H5

WEEE

WEEE Trash

FI1

Fiducial 1:2mm

FI2

Fiducial 1:2mm

H6

M3

Mounting Hole M3

H7

M3

Mounting Hole M3

H8

M3

Mounting Hole M3

H9

M3

Mounting Hole M3

Title		
Connections		
Size	Number	Revision
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Date:	06.03.2019	Sheet 2 of 4
File:	D:\MicroRally\...\Connections.SchDoc	Drawn By: Andis Jargans

