

MicroRally

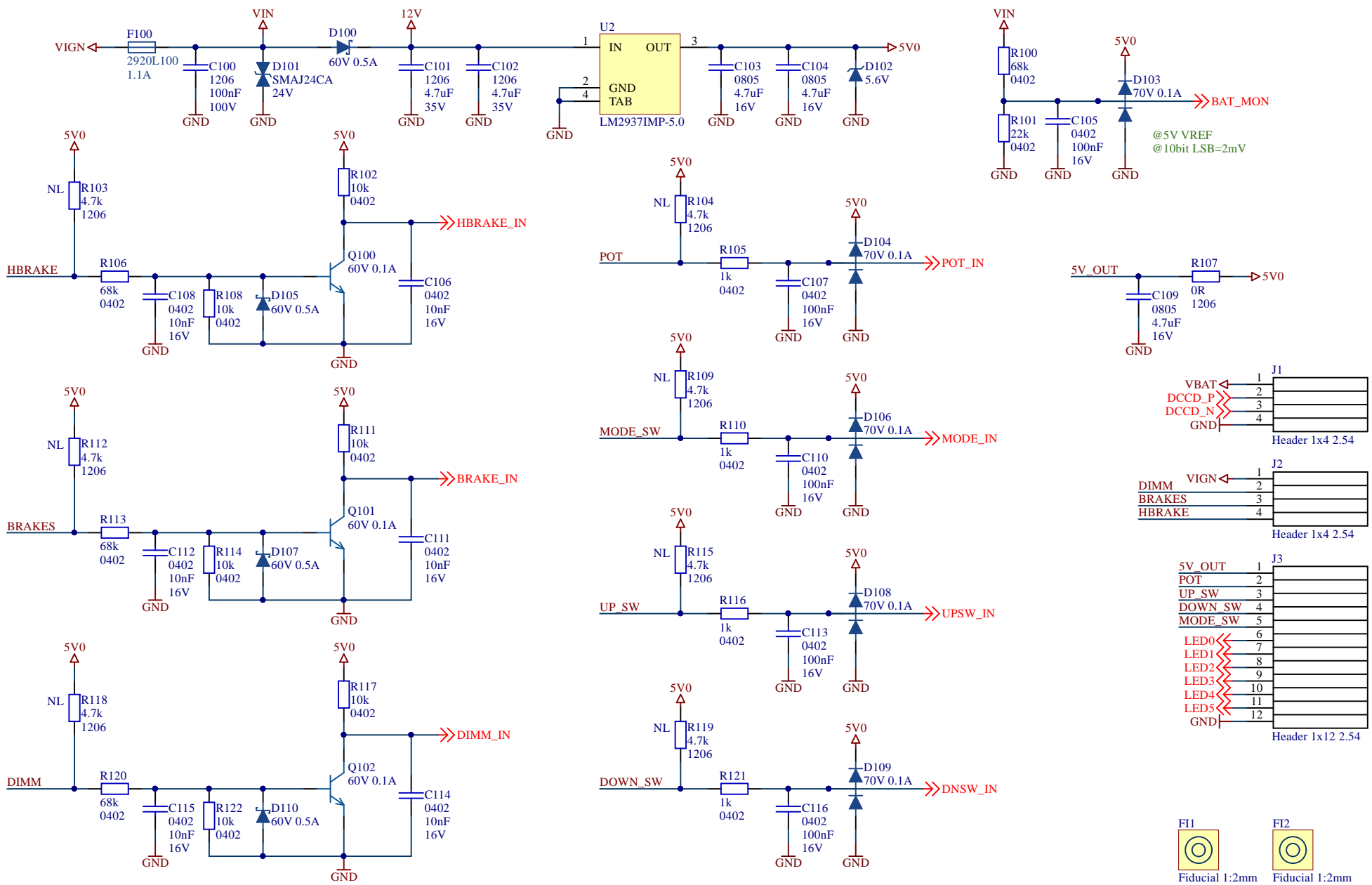
uDCCD Controller

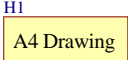
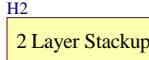
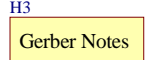
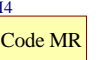





Revision 6

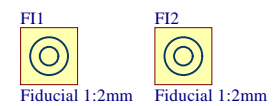
DCCD coil driver and logic controller

Supply Voltage: 6V..20V

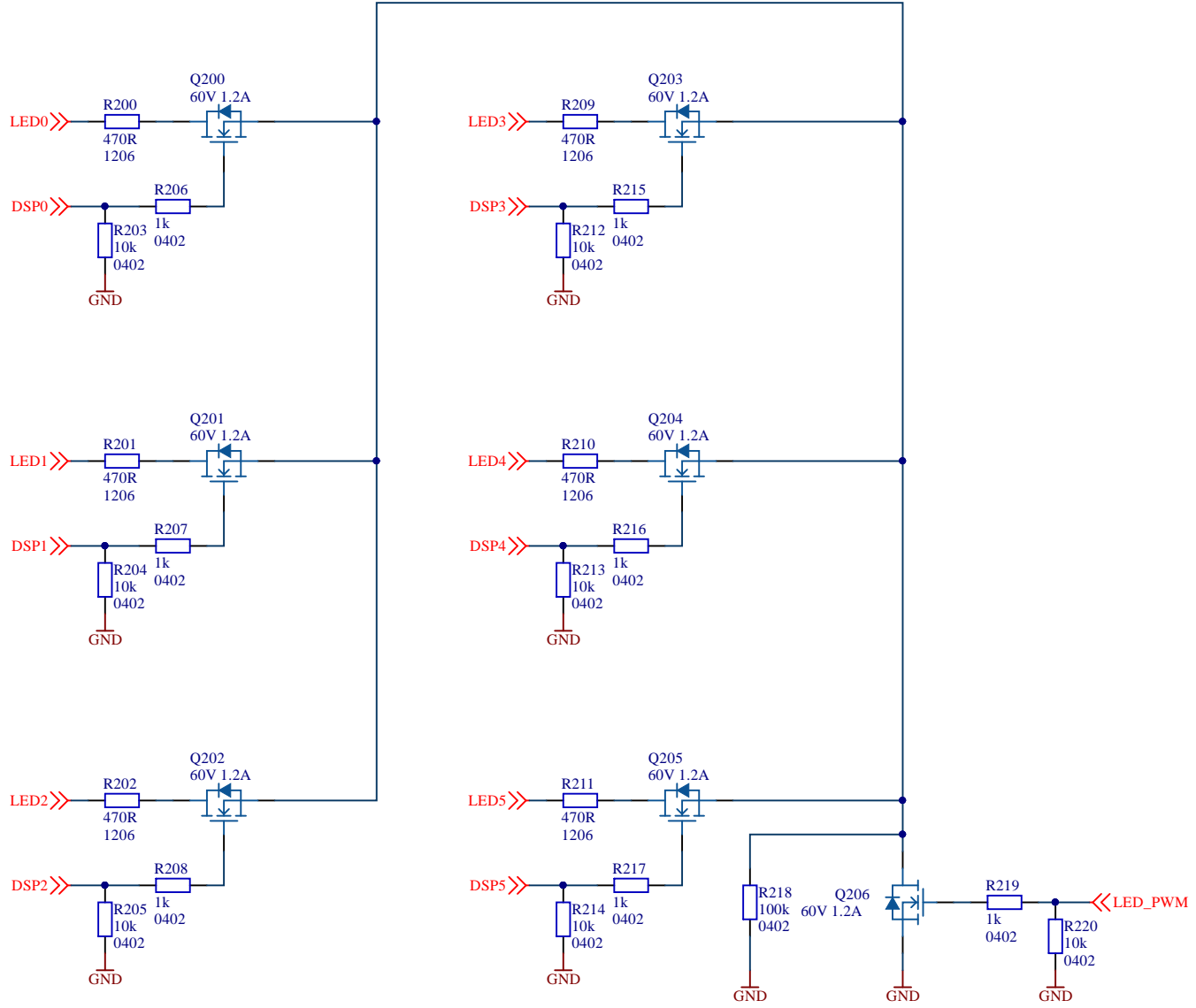
Title: Cover sheet	MicroRally
Project: uDCCD Controller	Revision: 6
Size: A4	Page 1 of 6
Author: Andis Jargans	Date: 05/08/2020
File name: Title.SchDoc	



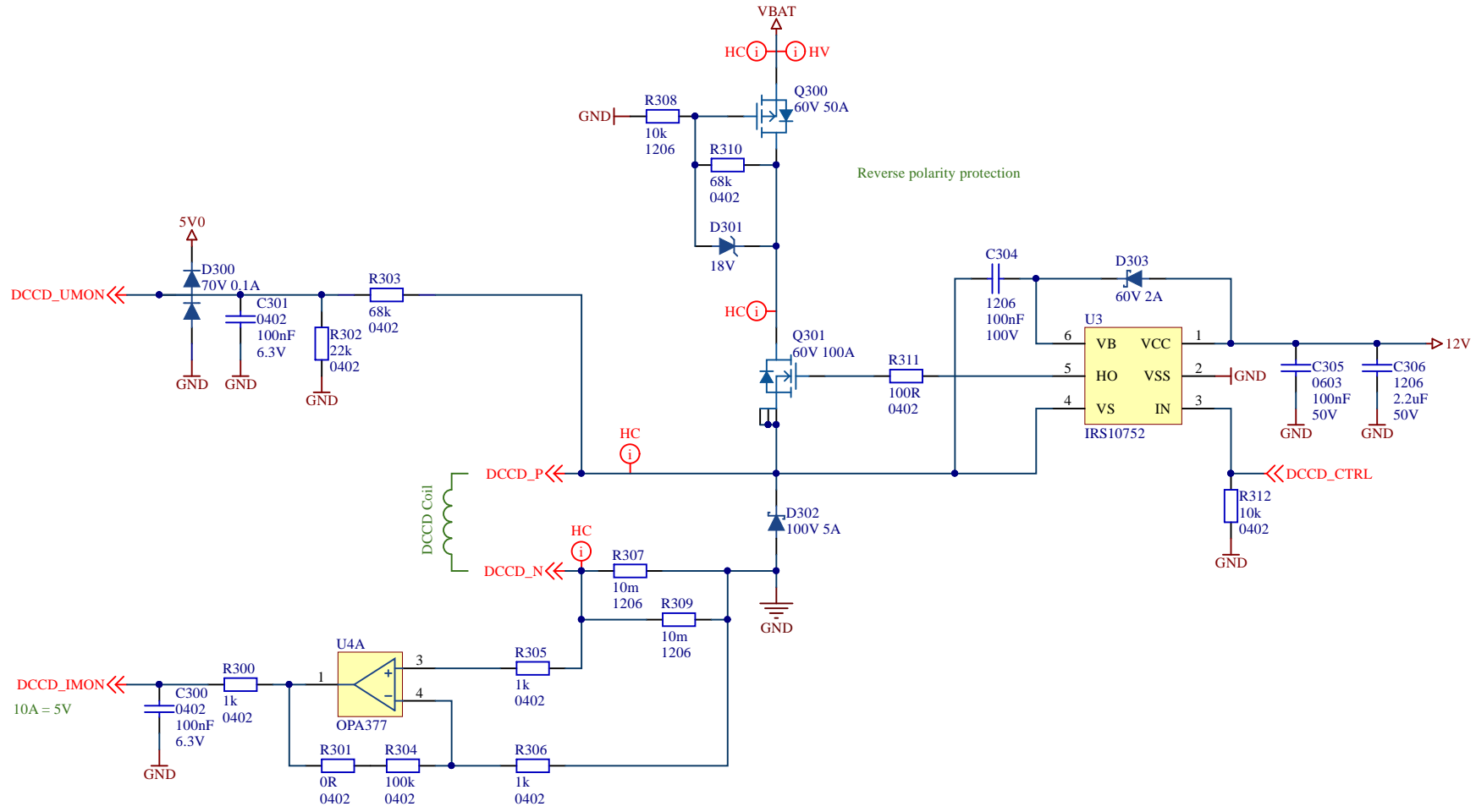
- H1**

 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
- M1**

 Mounting Hole M3
- M2**

 Mounting Hole M3
- M3**

 Mounting Hole M3
- M4**

 Mounting Hole M3



Title: Power IO	MicroRally
Project: uDCCD Controller	Revision: 6
Size: A4	Page 2 of 6
Author: Andis Jargans	Date: 05/08/2020
File name: Power_IO.SchDoc	

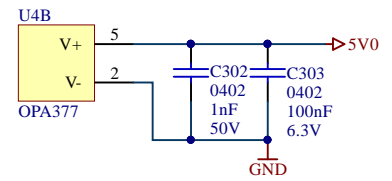


Title: LED Control	MicroRally
Project: uDCCD Controller	Revision: 6
Size: A4	Page 3 of 6
Author: Andis Jargans	Date: 05/08/2020
File name: LEDs.SchDoc	

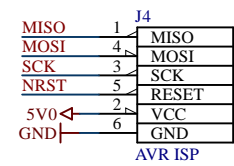
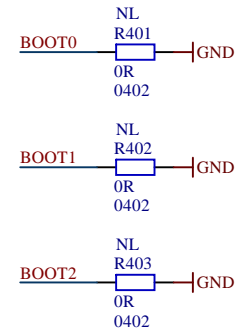
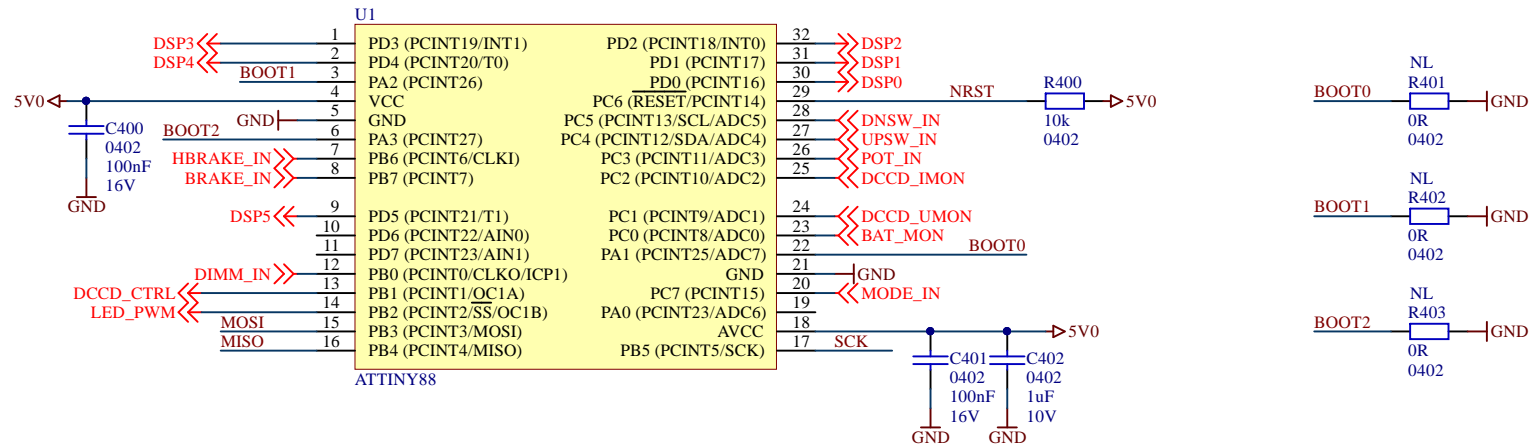


Measurement includes flyback diode current
Real average current through coil can be measured

Gain=100



Title: DCCD Power Control	MicroRally
Project: uDCCD Controller	Revision: 6
Size: A4	Page 4 of 6
Author: Andis Jargans	Date: 05/08/2020
File name: DCCD_Bridge.SchDoc	



Title: Controller	MicroRally
Project: uDCCD Controller	Revision: 6
Size: A4	Page 5 of 6
Author: Andis Jargans	Date: 05/08/2020
File name: Controller.SchDoc	

Revision history

2020-08-05
Initial design

A

A

B

B

C

C

D

D

Title: Revision history	MicroRally
Project: uDCCD Controller	Revision: 6
Size: A4	Page 6 of 6
Author: Andis Jargans	Date: 05/08/2020
File name: History.SchDoc	