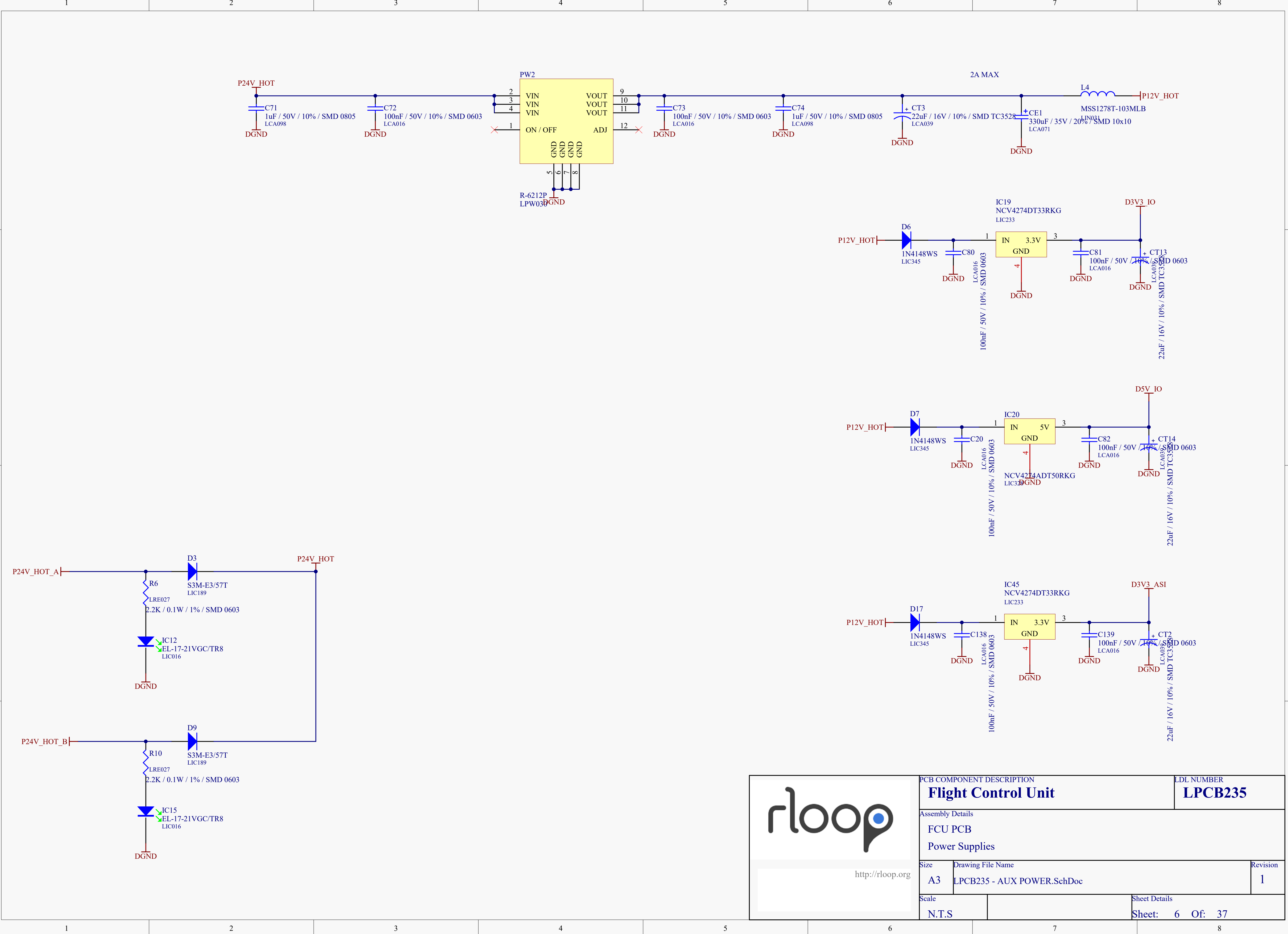

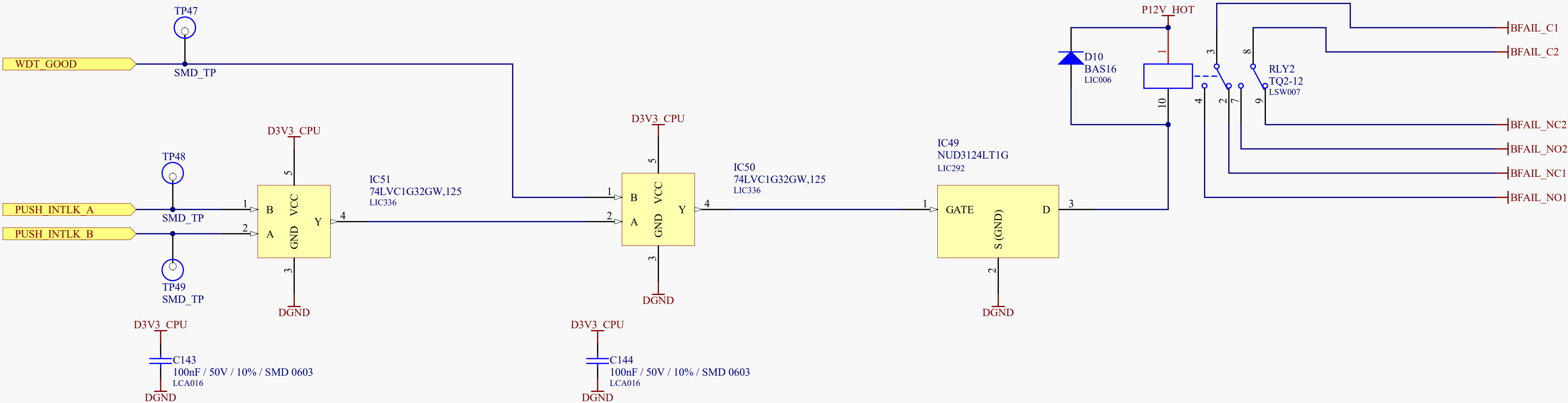

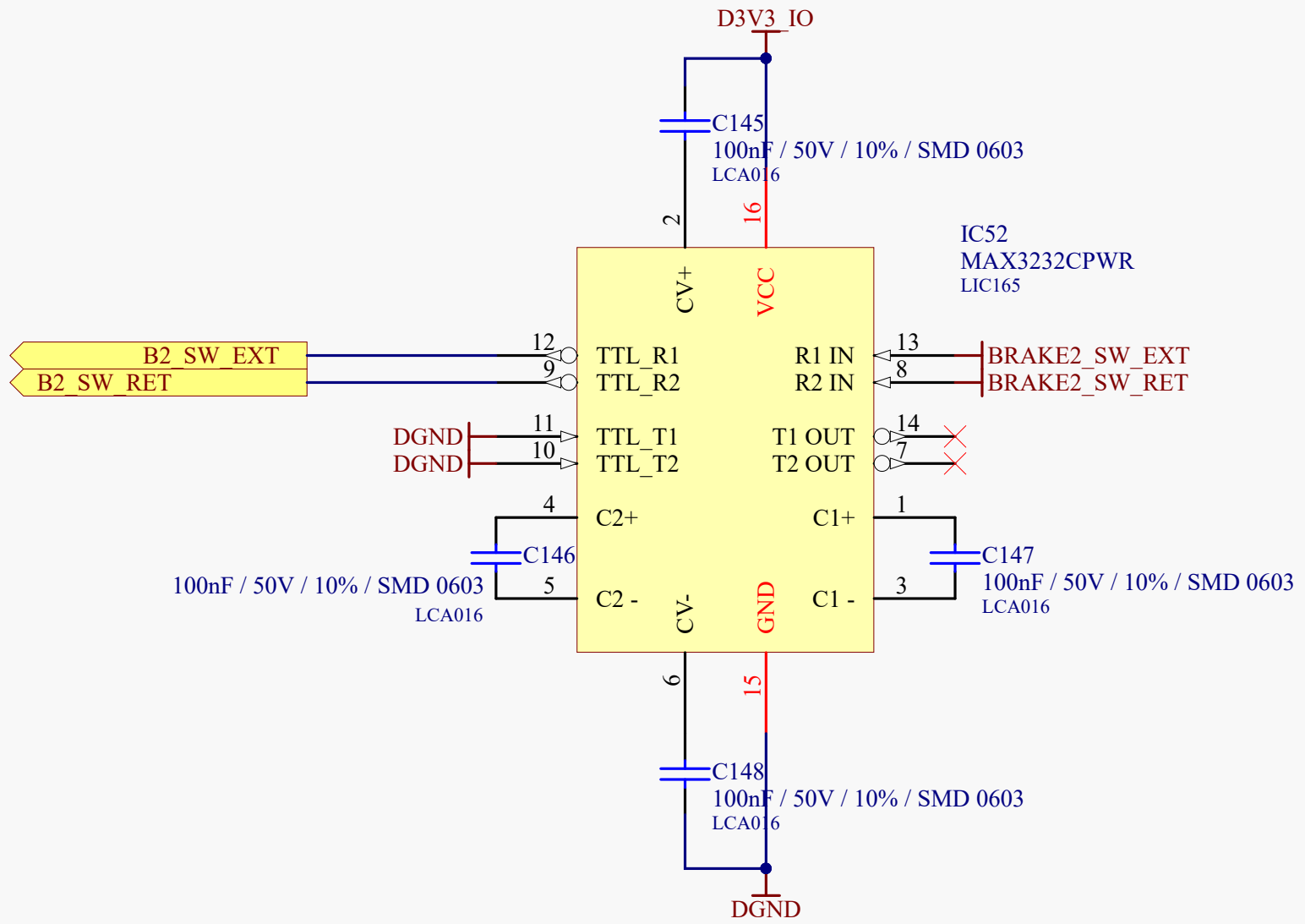
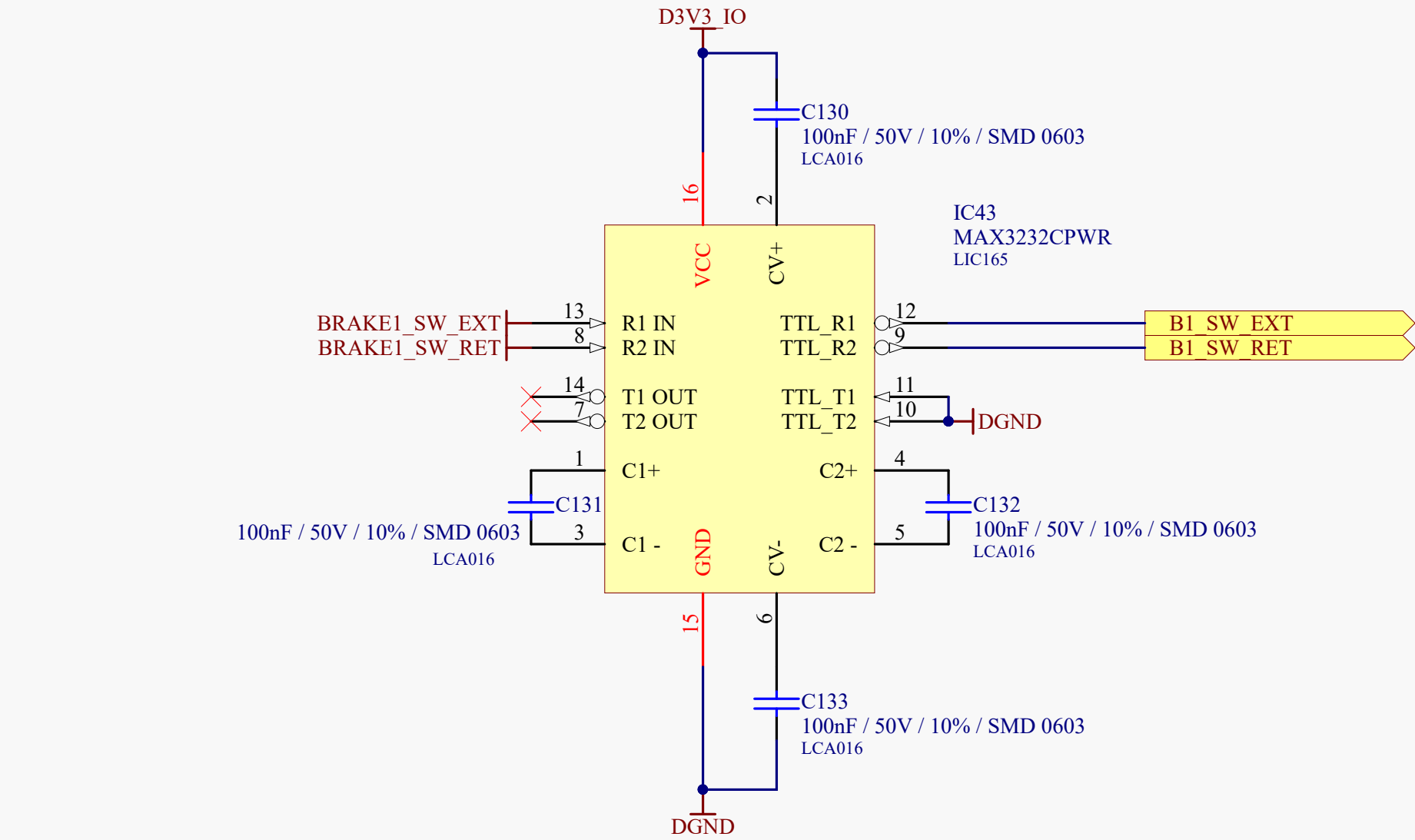
 http://rloop.org	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB HEC 5-8		
Size	Drawing File Name	Revision	
A3	LPCB235 - HEC5-8.SchDoc	1	
Scale		Sheet Details	
N.T.S		Sheet: 5 Of: 37	




 http://rloop.org	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB Power Supplies		
Size	Drawing File Name		Revision
A3	LPCB235 - AUX POWER.SchDoc		1
Scale		Sheet Details	
N.T.S		Sheet: 6 Of: 37	



 <div>http://rloop.org</div>	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB		
	Brake Failsafe System		
Size	Drawing File Name		Revision
A3	LPCB235 - BRAKE FAILSAFE.SchDoc		1
Scale		Sheet Details	
N.T.S		Sheet: 7 Of: 37	



 http://rloop.org	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB Brake Limit Switches		
Size	Drawing File Name		Revision
A3	LPCB235 - BRAKE LIMIT SW.SchDoc		2
Scale		Sheet Details	
N.T.S		Sheet: 8 Of: 37	

A

B

C

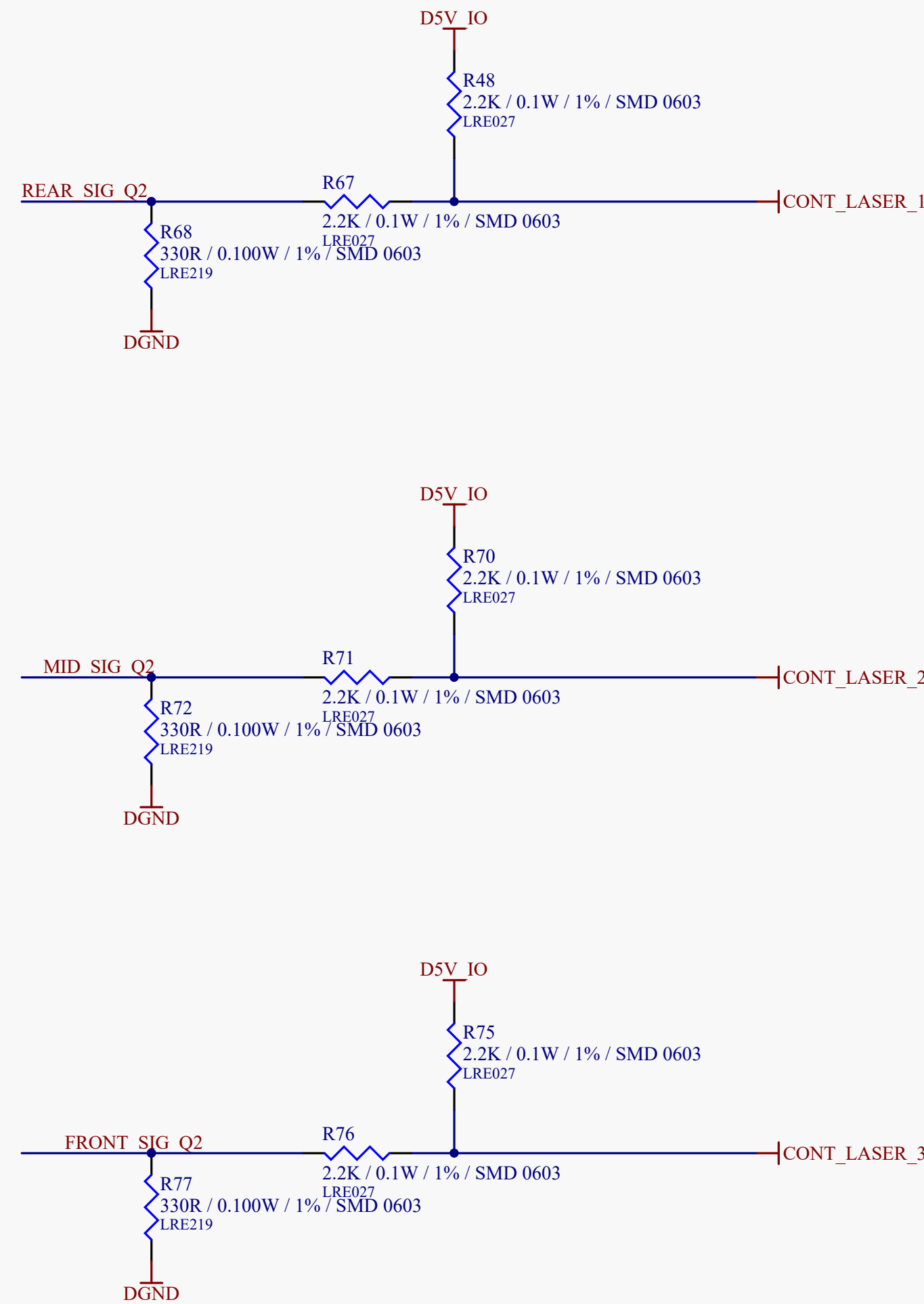
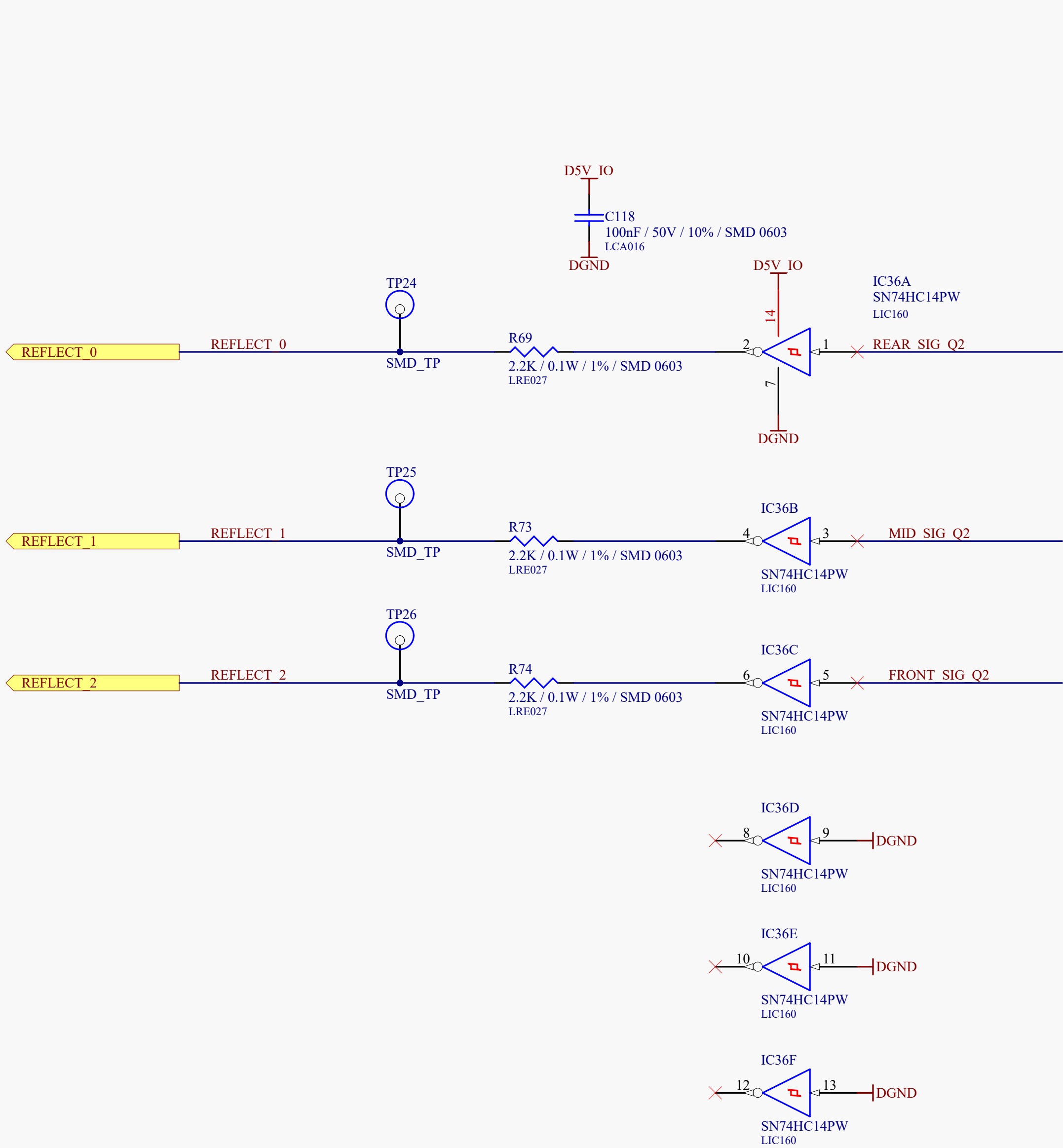
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A

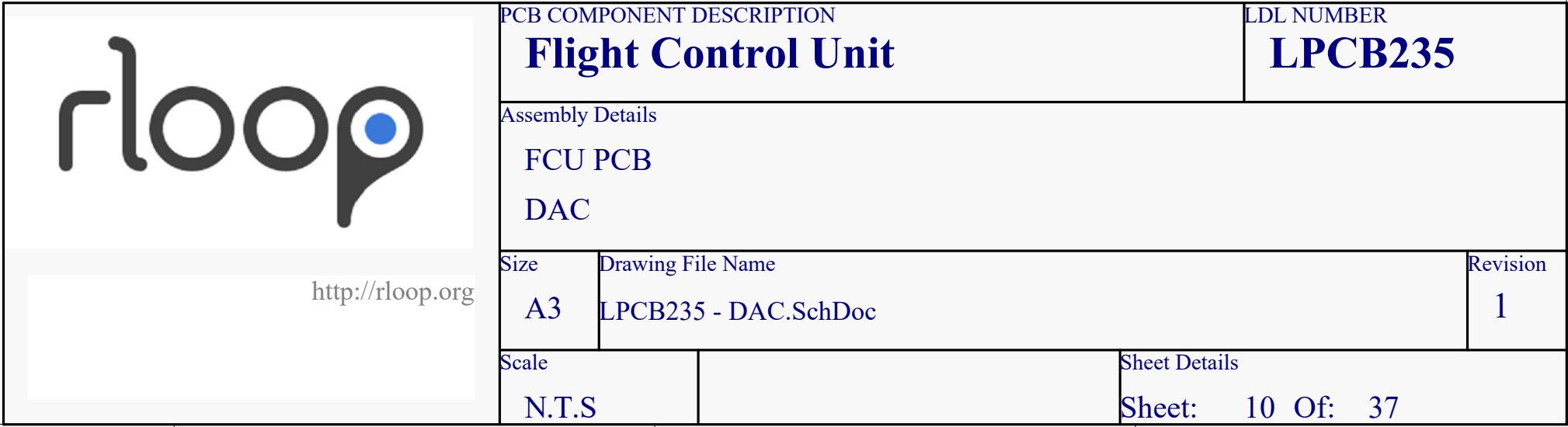
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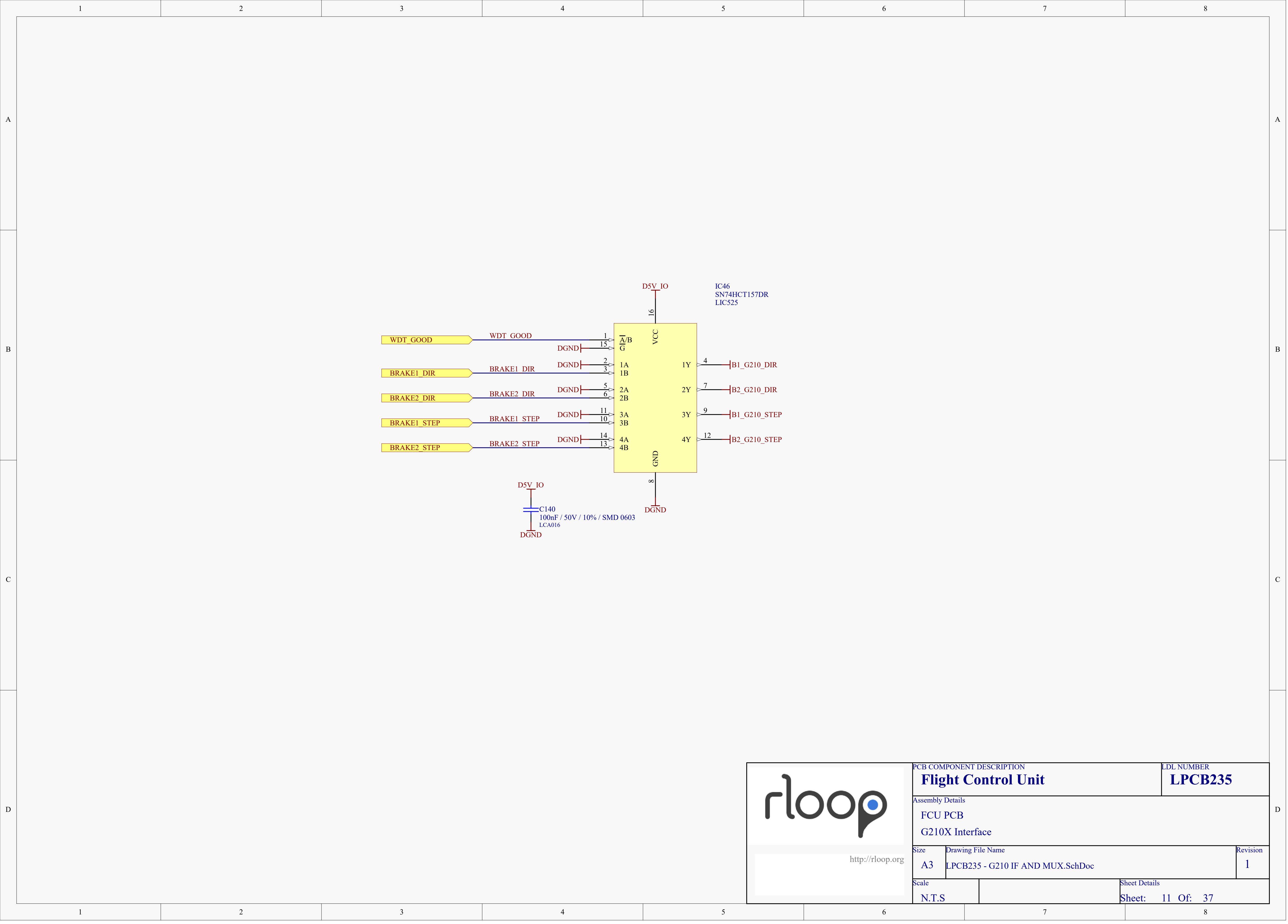
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D

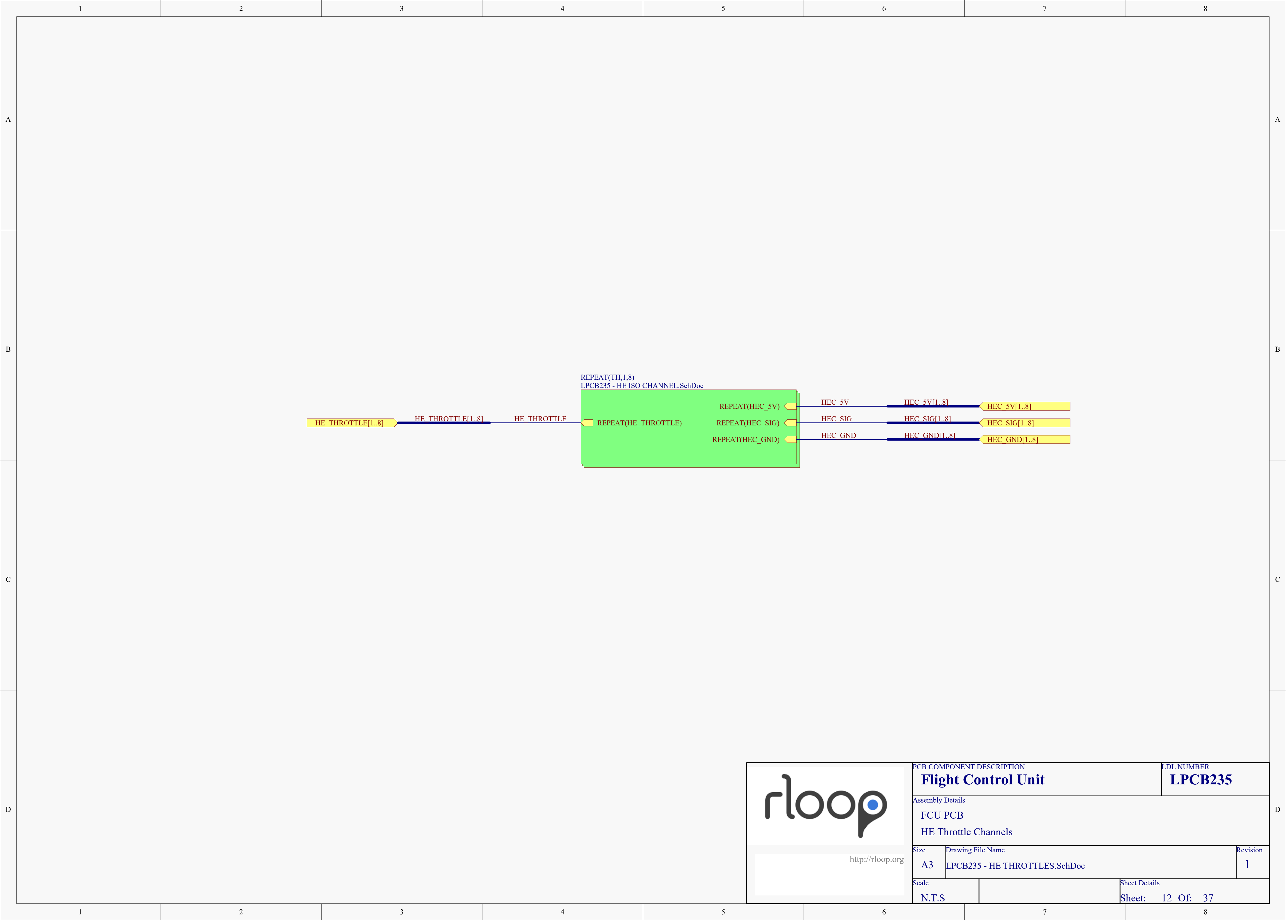


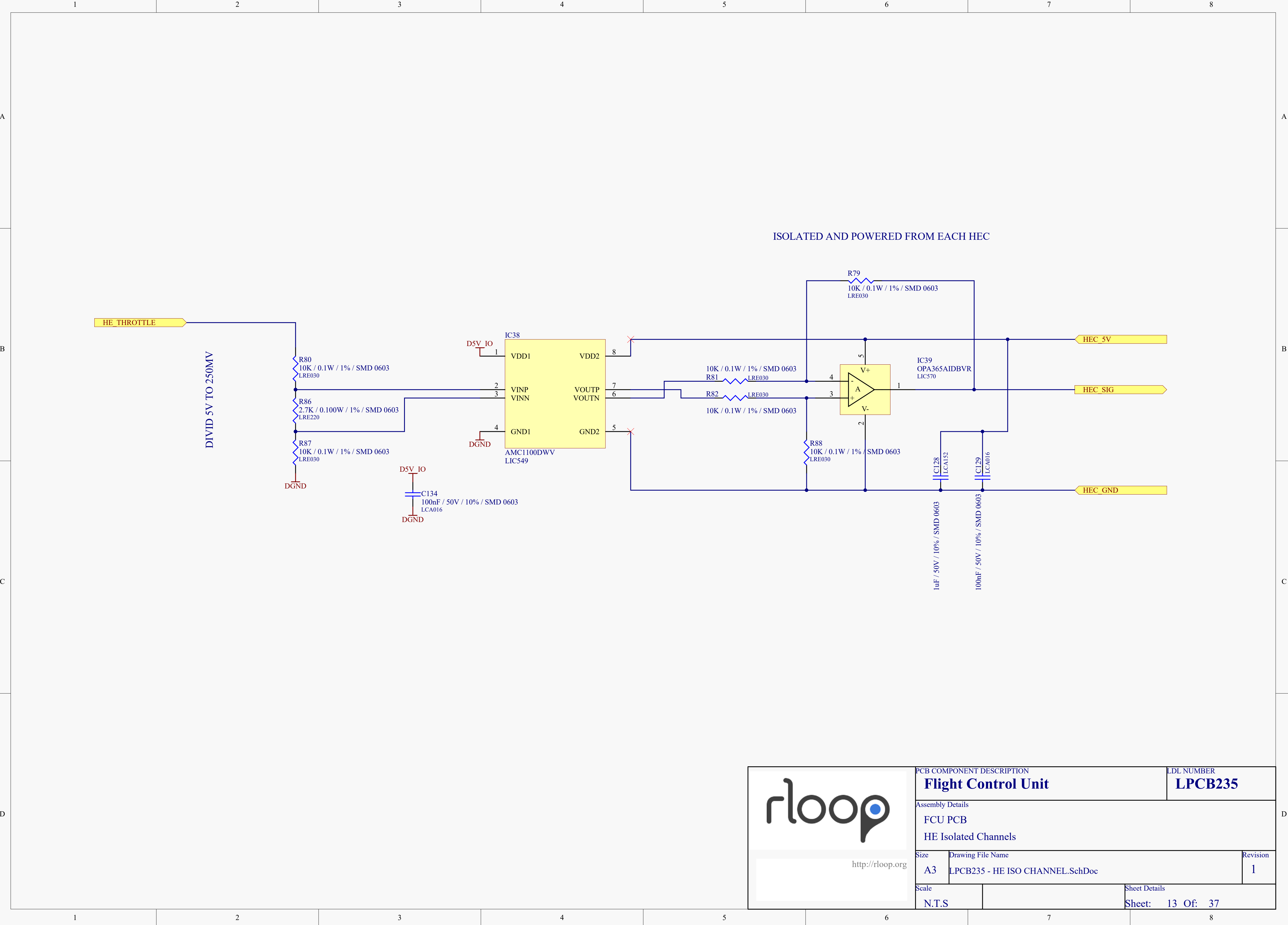
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	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB		
	Contrast Lasers		
Size	Drawing File Name		Revision
A3	LPCB235 - CONTRAST LASERS.SchDoc		1
Scale		Sheet Details	
N.T.S		Sheet: 9 Of: 37	




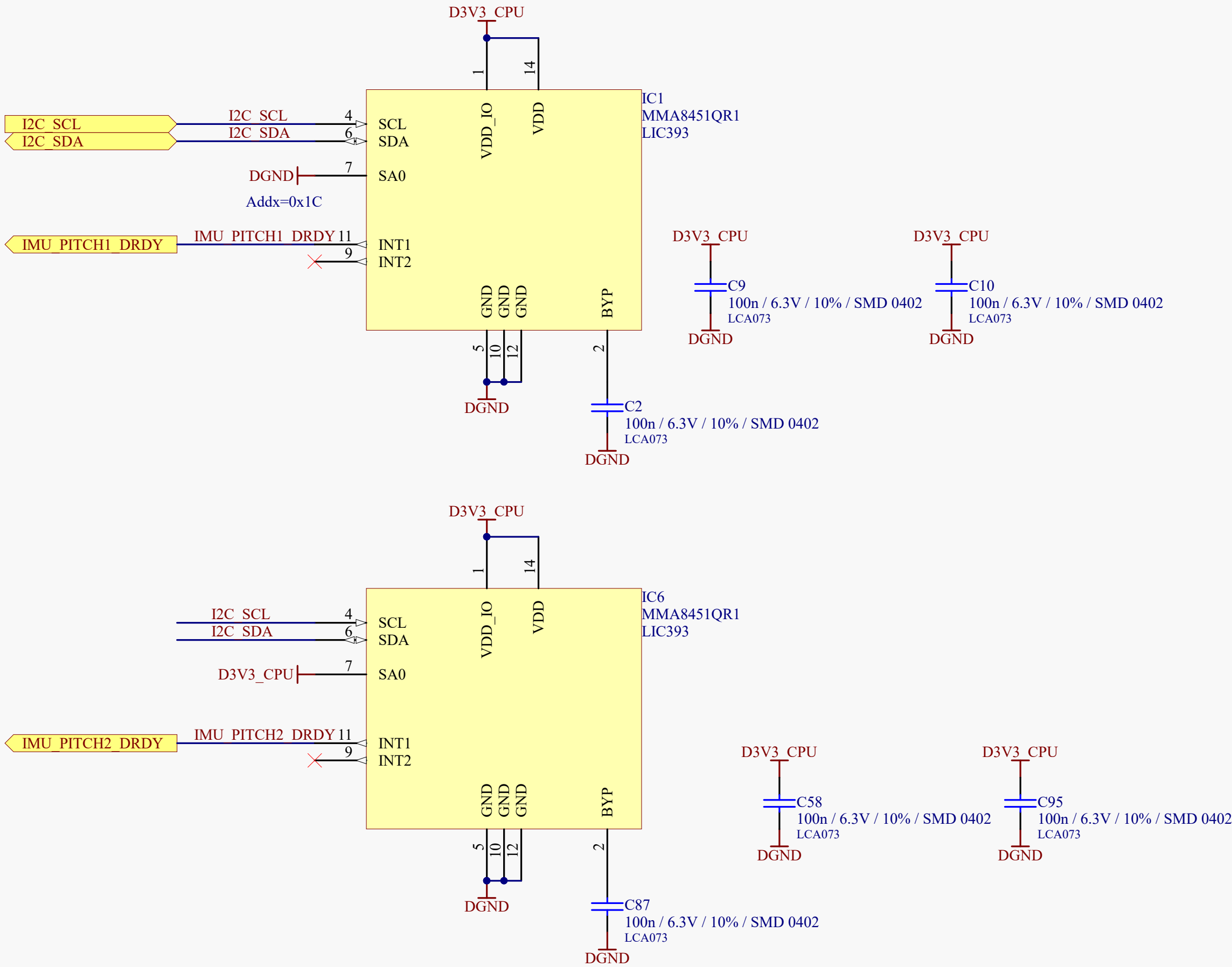



 http://rloop.org	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB		
	G210X Interface		
Size	Drawing File Name		Revision
A3	LPCB235 - G210 IF AND MUX.SchDoc		1
Scale		Sheet Details	
N.T.S		Sheet: 11 Of: 37	

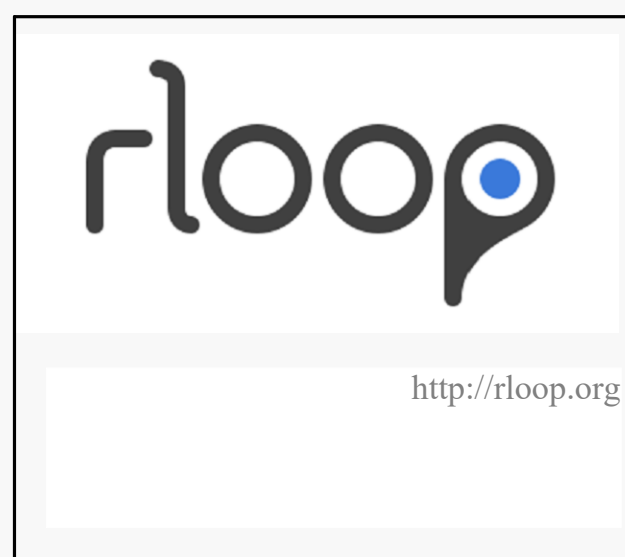
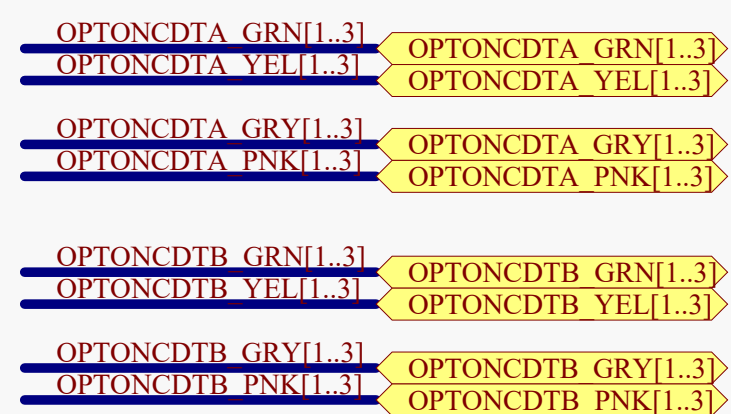
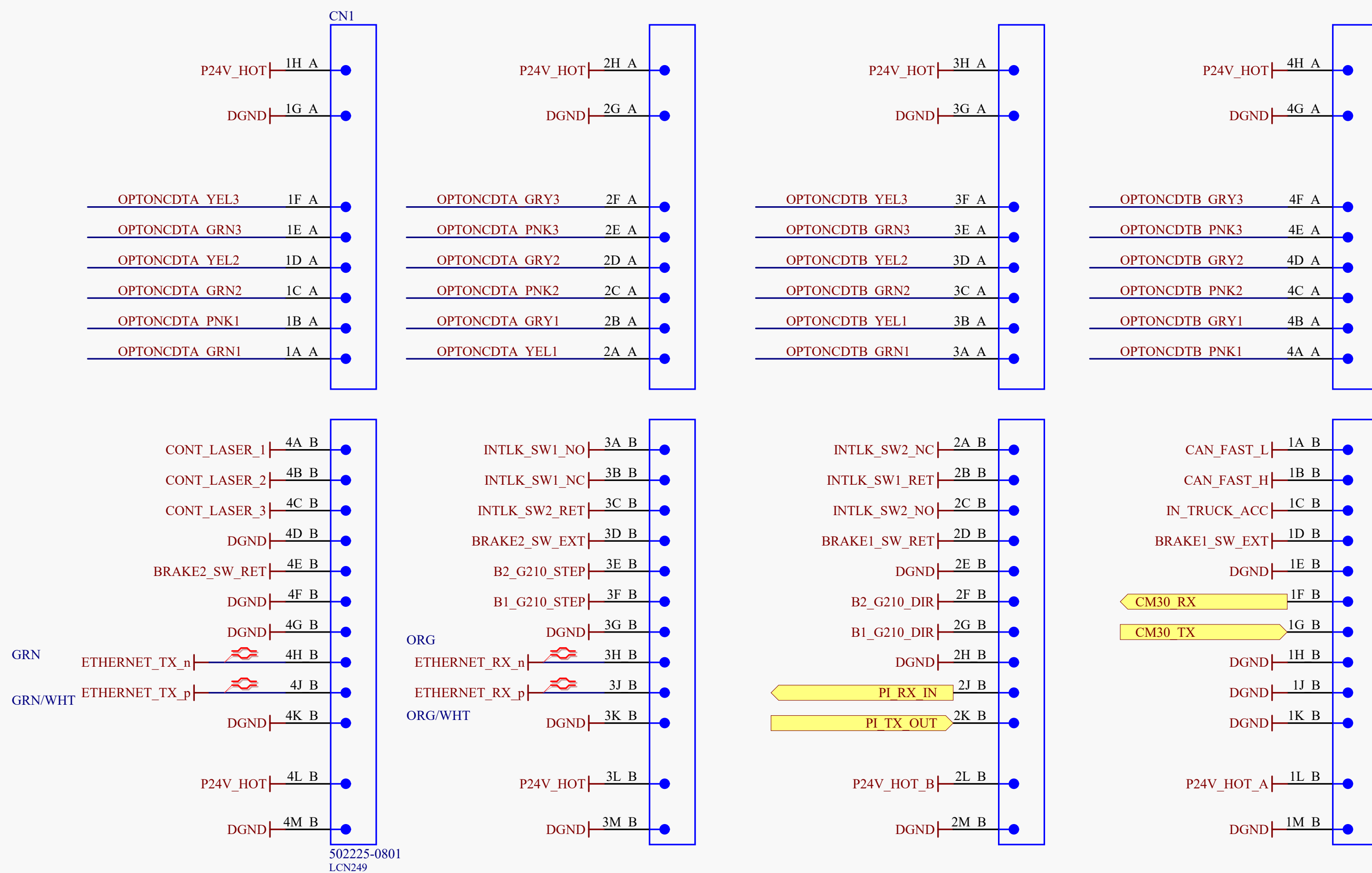




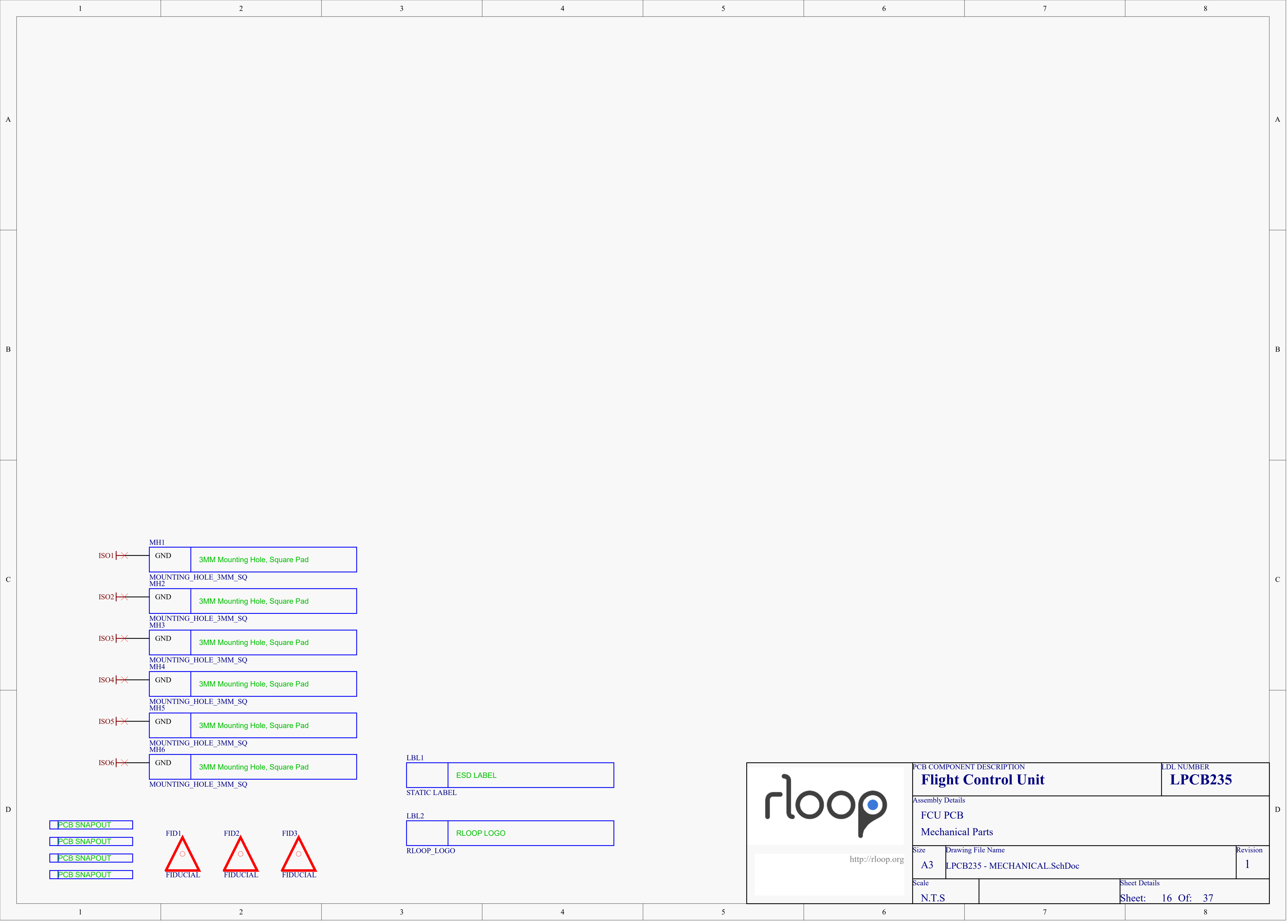
 <div>http://rloop.org</div>	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB		
	HE Isolated Channels		
Size	Drawing File Name		Revision
A3	LPCB235 - HE ISO CHANNEL.SchDoc		1
Scale		Sheet Details	
N.T.S		Sheet: 13 Of: 37	



 http://rloop.org	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB		
	Inertial Measurement Unit		
Size	Drawing File Name		Revision
A3	LPCB235 - IMU.SchDoc		2
Scale		Sheet Details	
N.T.S		Sheet: 14 Of: 37	



PCB COMPONENT DESCRIPTION		LDL NUMBER
Flight Control Unit		LPCB235
Assembly Details		
FCU PCB		
IO Connector		
Size	Drawing File Name	Revision
A3	LPCB235 - IO Connector.SchDoc	2
Scale	Sheet Details	
N.T.S	Sheet: 15 Of: 37	



ISO5

MOUNTING_HOLE_3MM_SQ

MH5

GND

3MM Mounting Hole, Square Pad

ISO6

MOUNTING_HOLE_3MM_SQ

MH6

GND

3MM Mounting Hole, Square Pad

PCB SNAPOUT

PCB SNAPOUT

PCB SNAPOUT

PCB SNAPOUT

FID1

FIDUCIAL

FID2

FIDUCIAL

FID3

FIDUCIAL

LBL1

STATIC LABEL

ESD LABEL

LBL2

RLOOP_LOGO

RLOOP LOGO

http://rloop.org

PCB COMPONENT DESCRIPTION

Flight Control Unit

LDL NUMBER

LPCB235

Assembly Details

FCU PCB

Mechanical Parts

Size

A3

Drawing File Name

LPCB235 - MECHANICAL.SchDoc

Revision

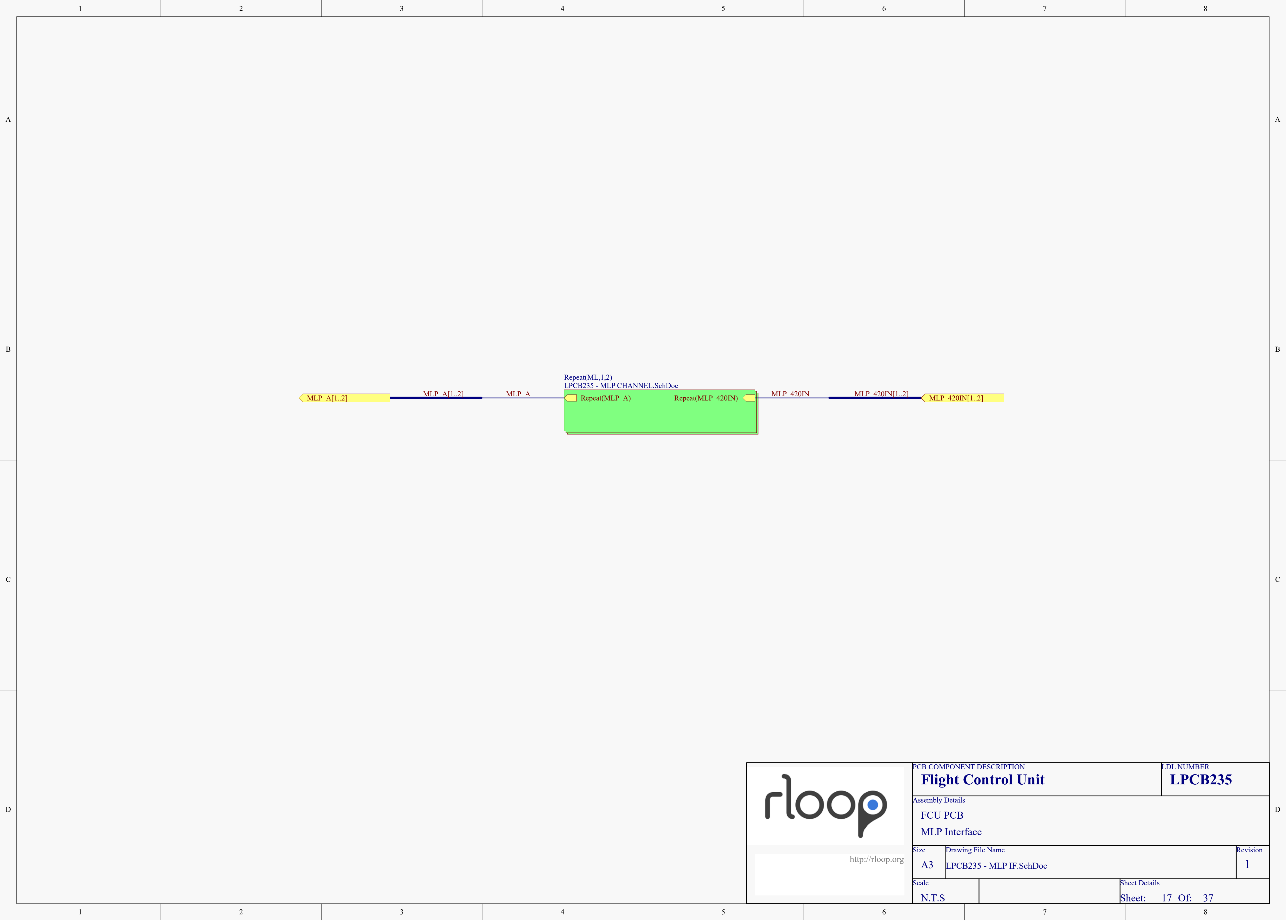
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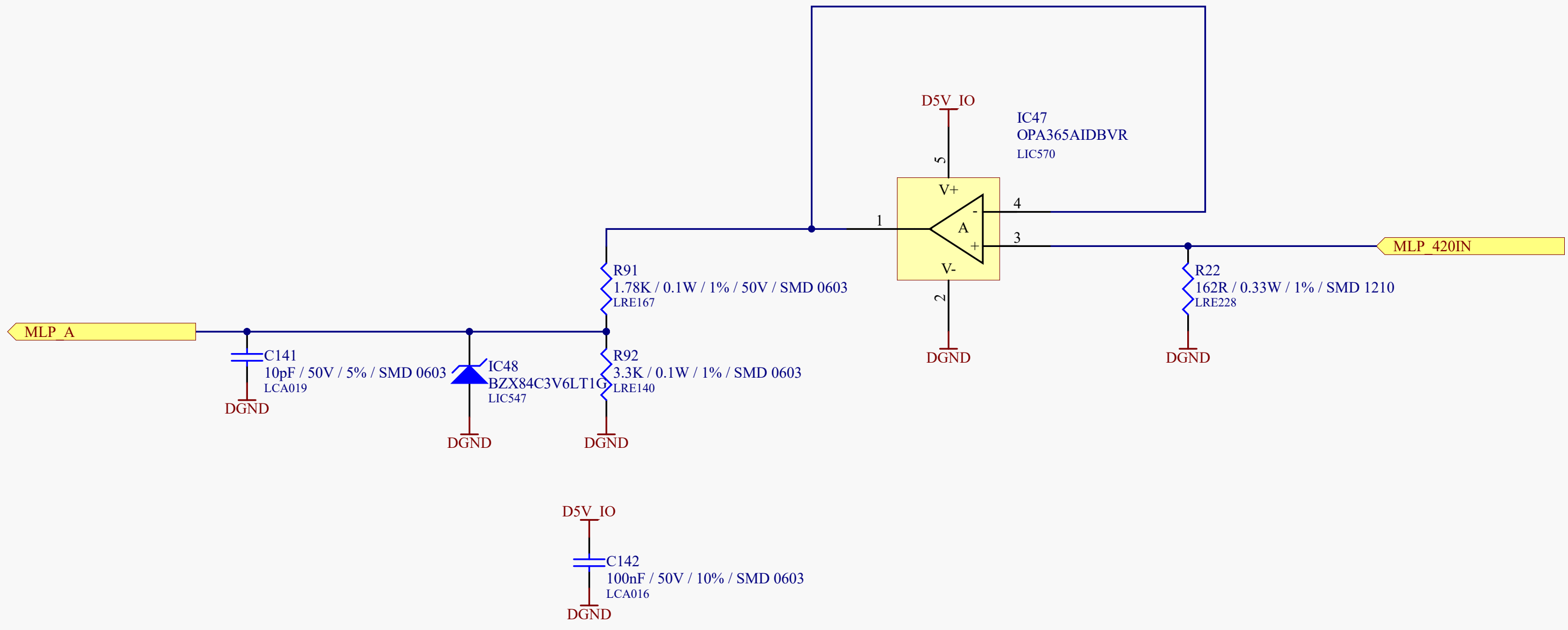
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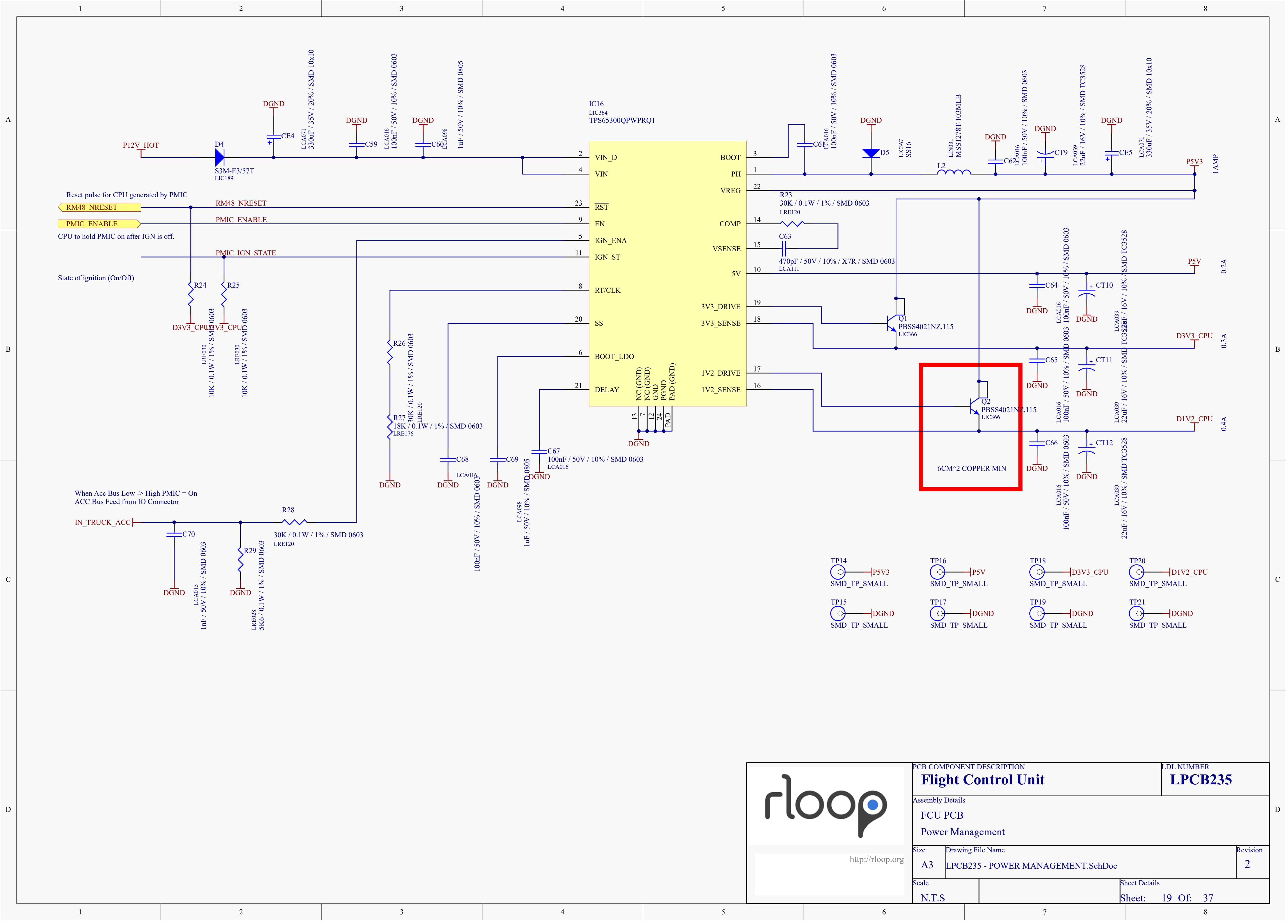
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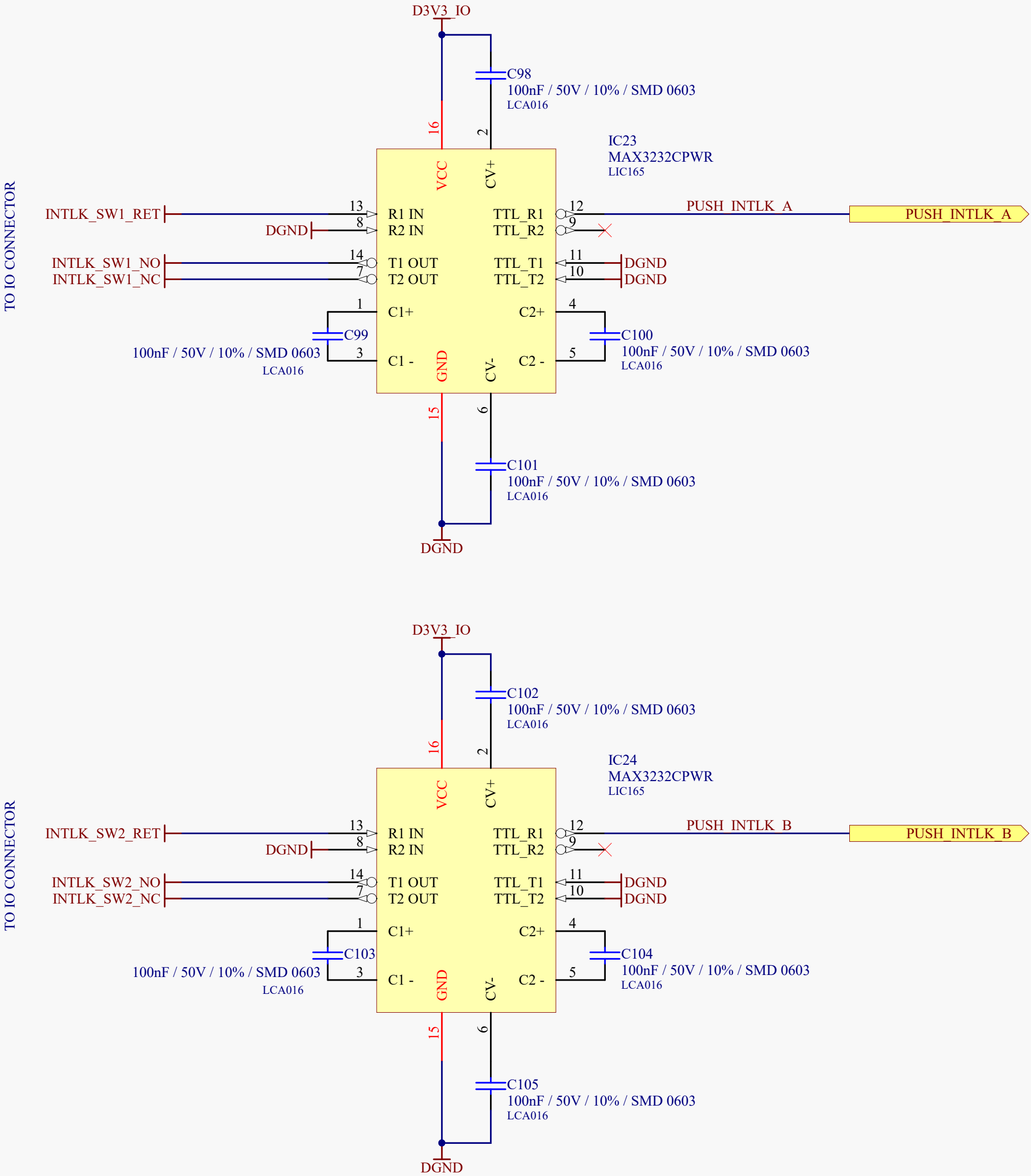
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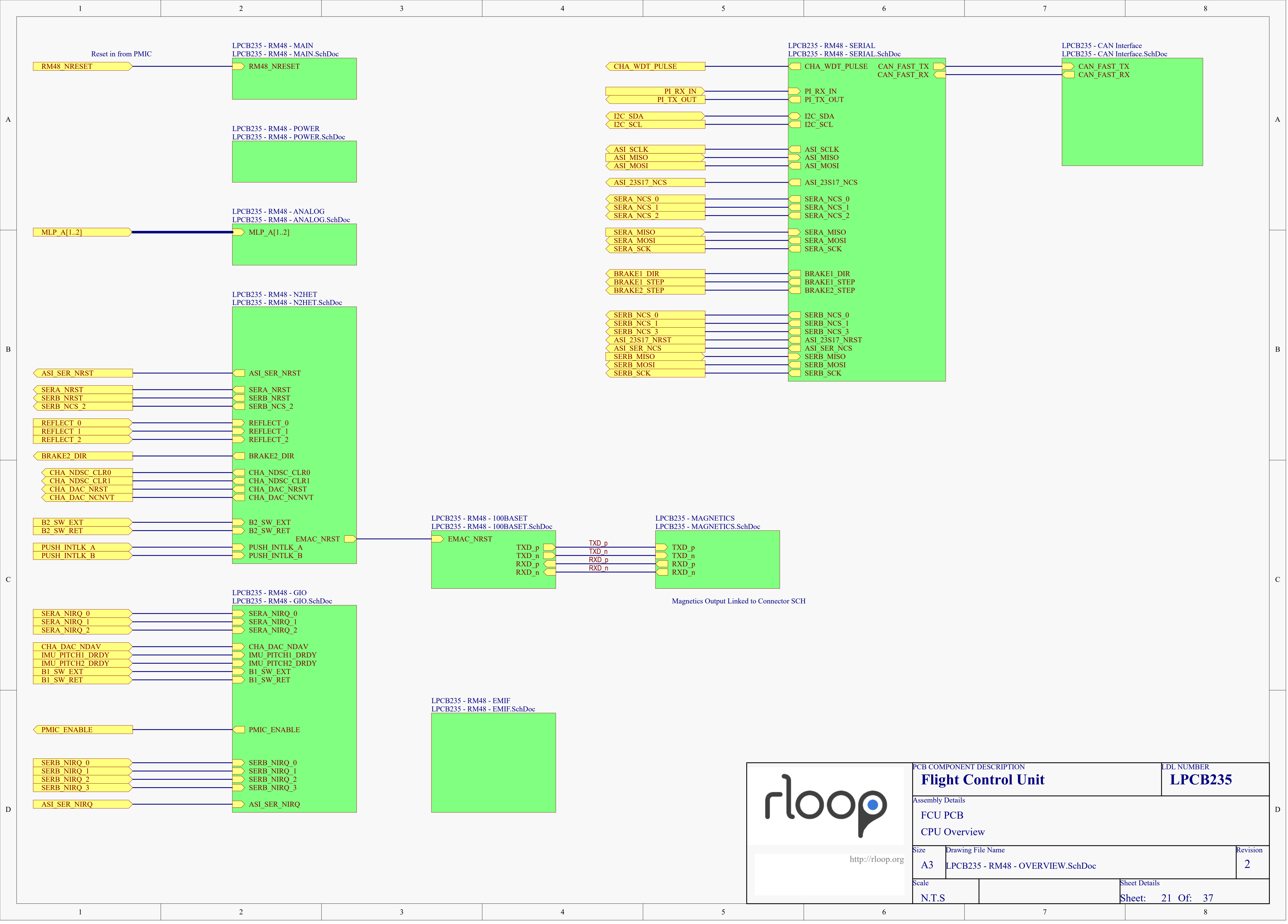


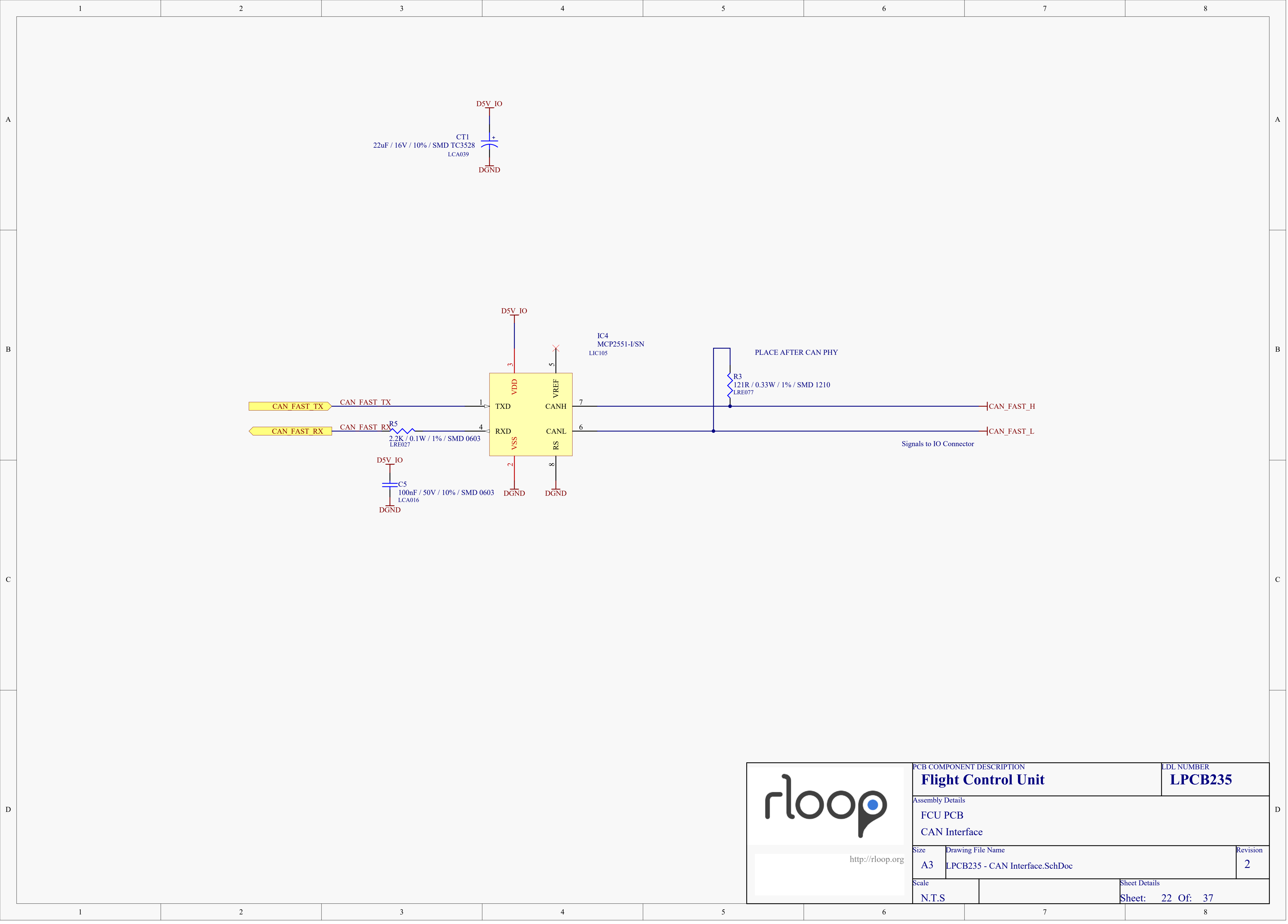
 <div>http://rloop.org</div>	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB		
	MLP Channel		
Size	Drawing File Name		Revision
A3	LPCB235 - MLP CHANNEL.SchDoc		1
Scale		Sheet Details	
N.T.S		Sheet: 18 Of: 37	




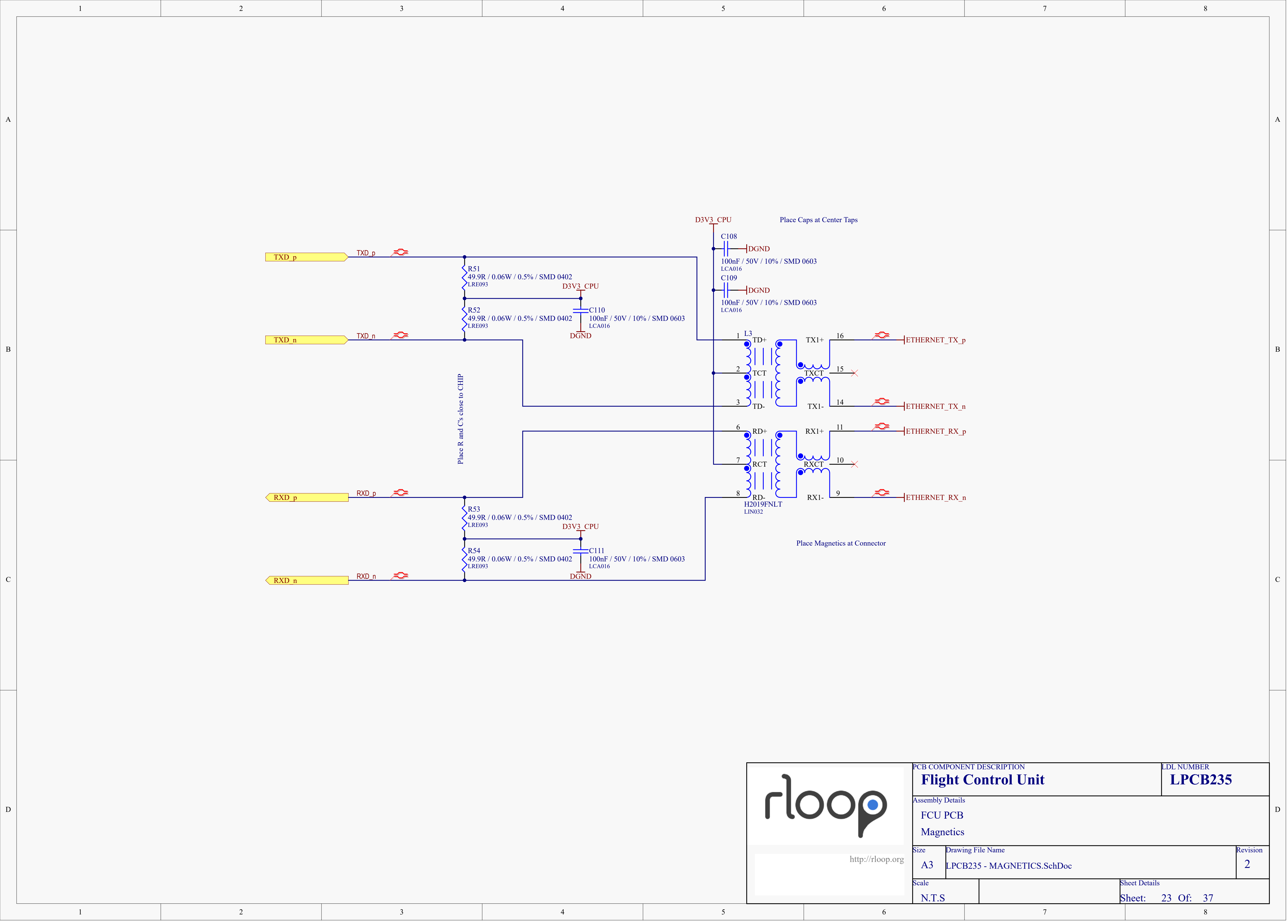


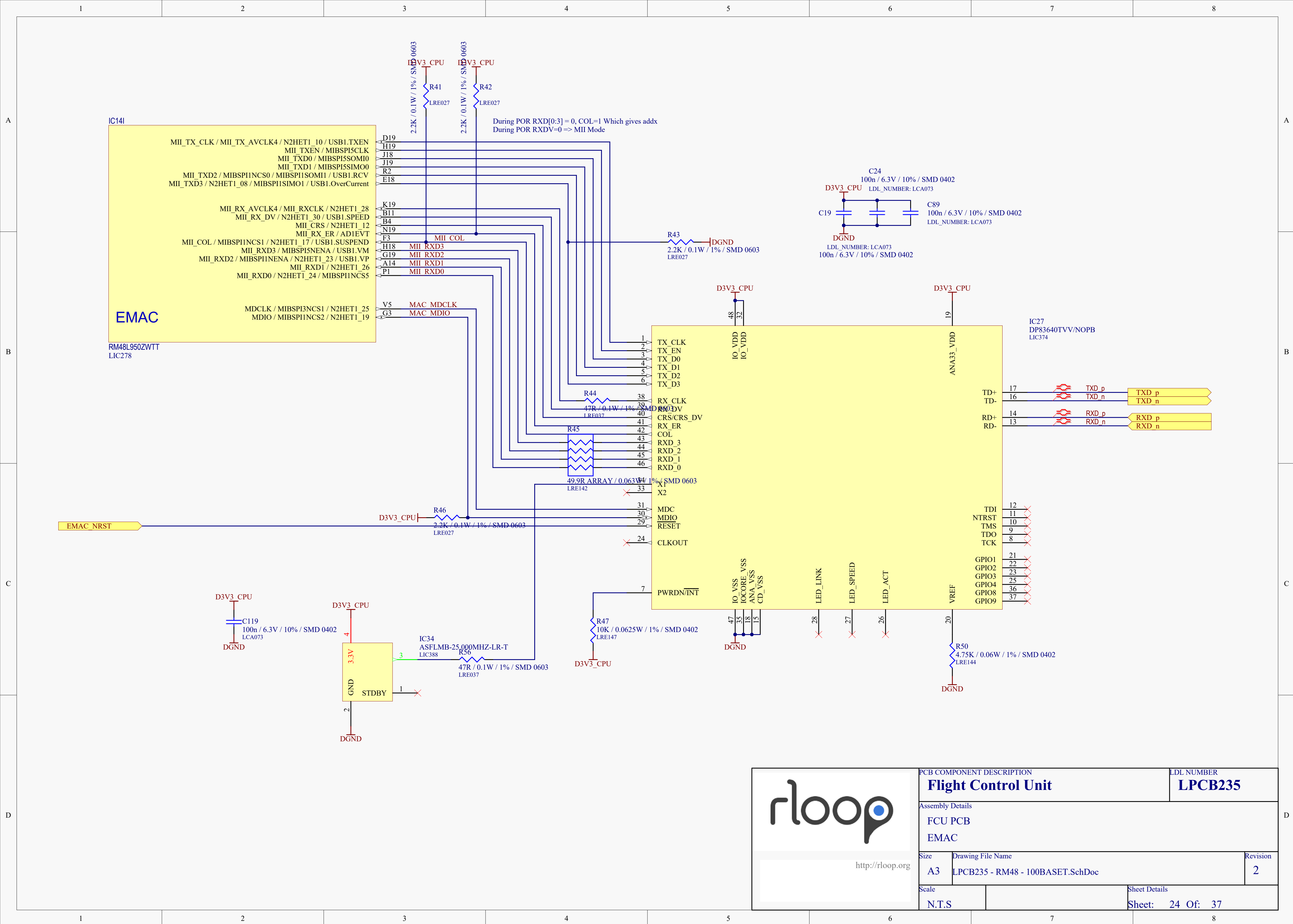
 <div>http://rloop.org</div>	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB		
	Pusher Interlock		
Size	Drawing File Name		Revision
A3	LPCB235 - PUSHER INTERLOCK.SchDoc		1
Scale		Sheet Details	
N.T.S		Sheet: 20 Of: 37	

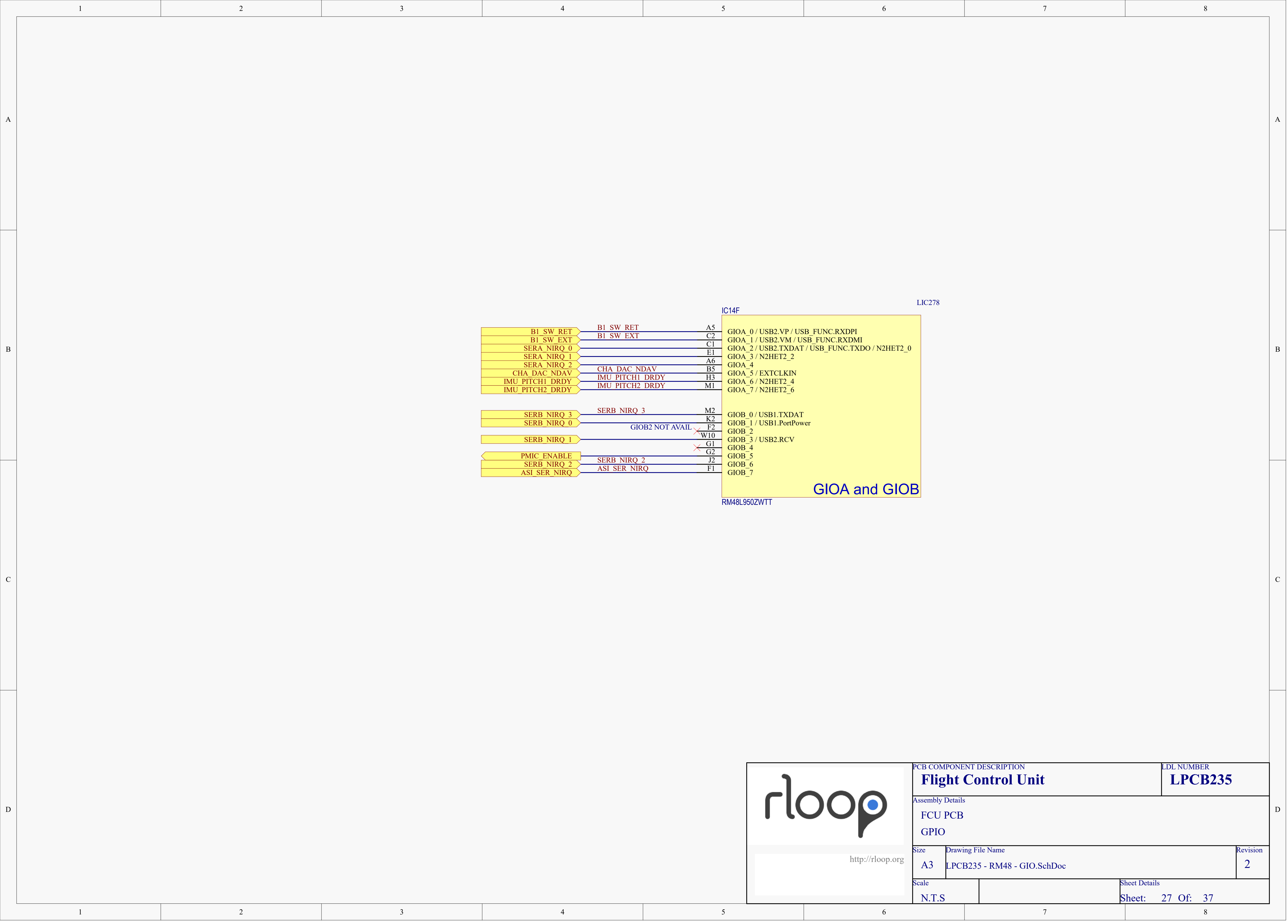




 <div>http://rloop.org</div>	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB		
	CAN Interface		
Size	Drawing File Name		Revision
A3	LPCB235 - CAN Interface.SchDoc		2
Scale		Sheet Details	
N.T.S		Sheet: 22 Of: 37	







http://rloop.org

http://rloop.org

PCB COMPONENT DESCRIPTION

Flight Control Unit

LDL NUMBER

LPCB235

Assembly Details

FCU PCB

GPIO

Size

A3

Drawing File Name

LPCB235 - RM48 - GIO.SchDoc

Revision

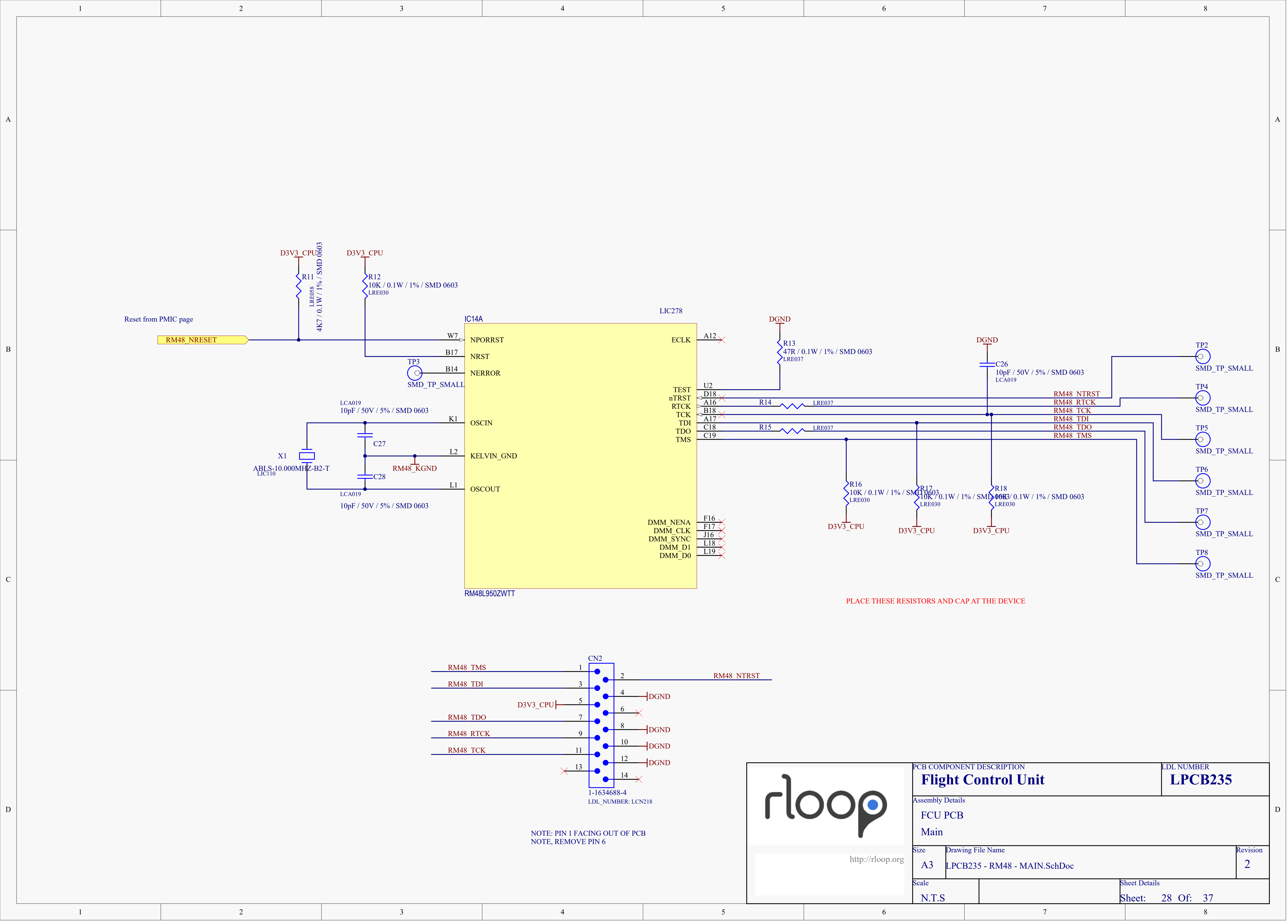
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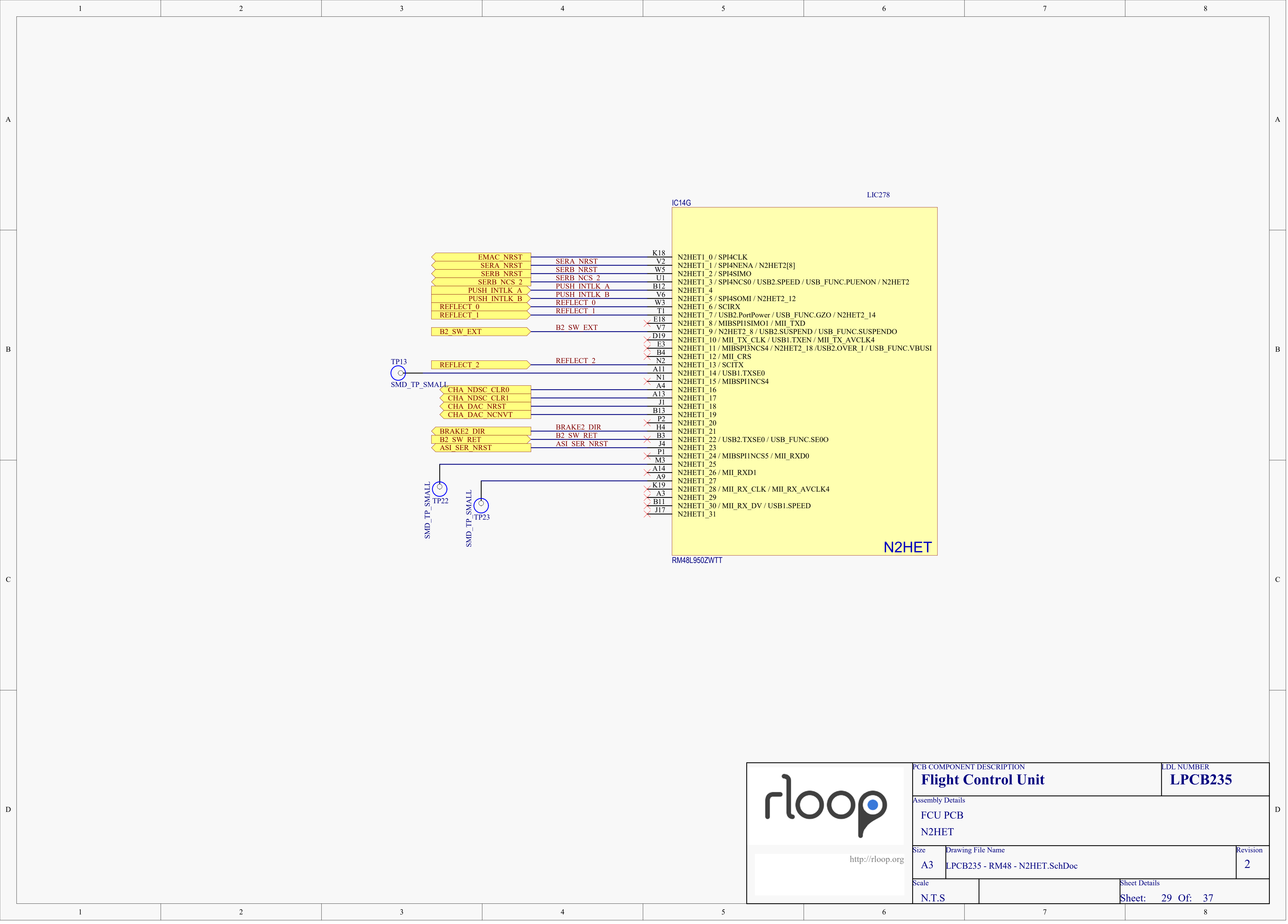
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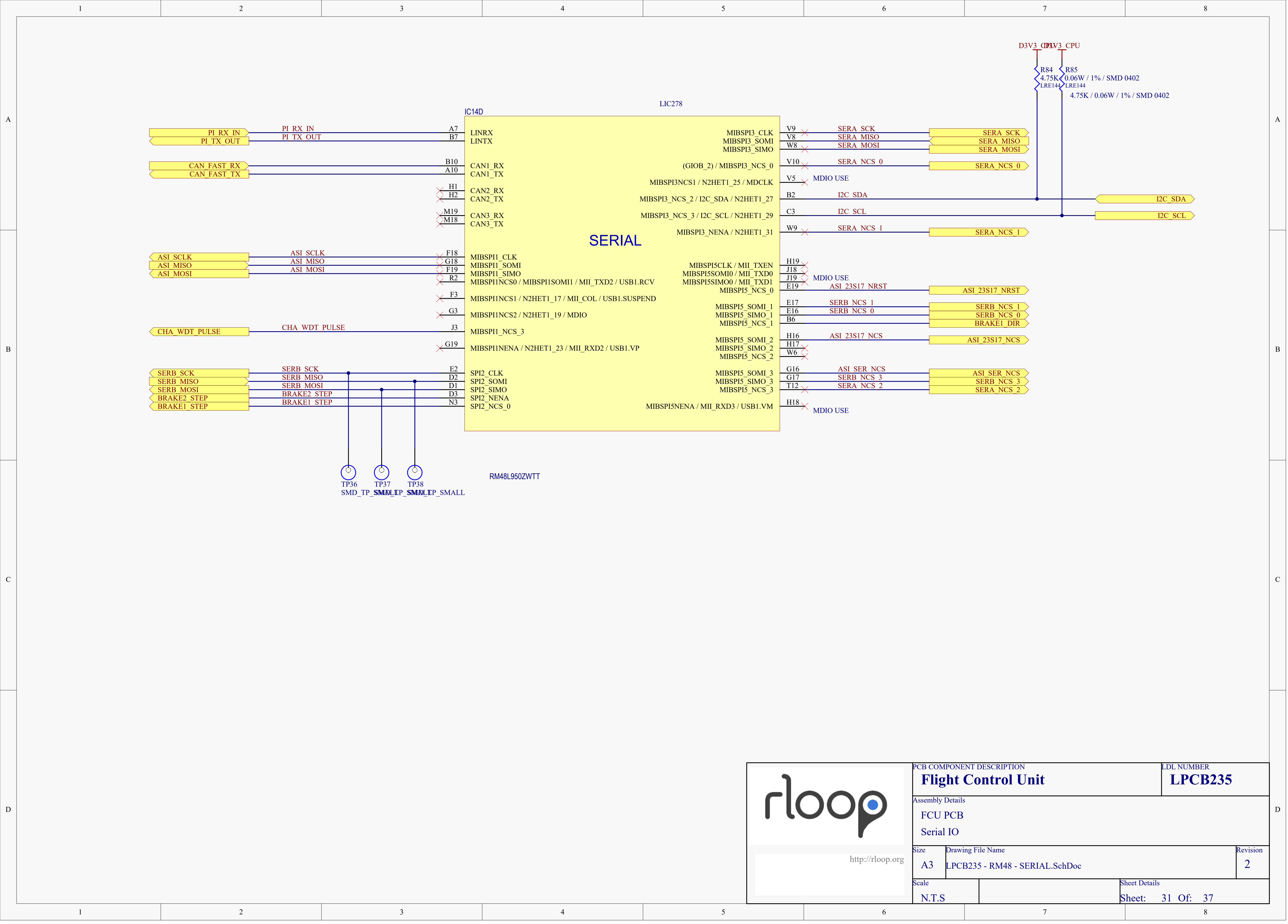
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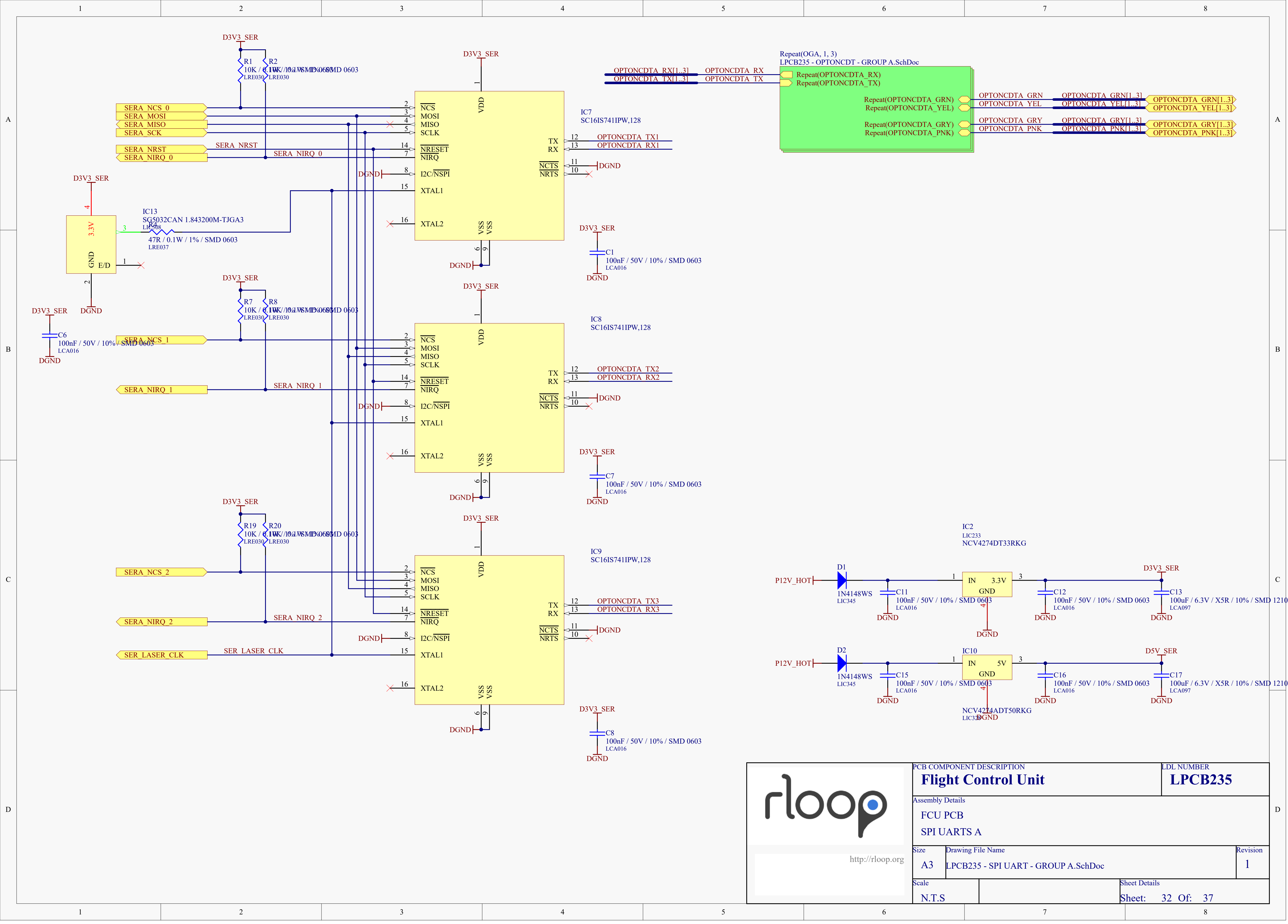
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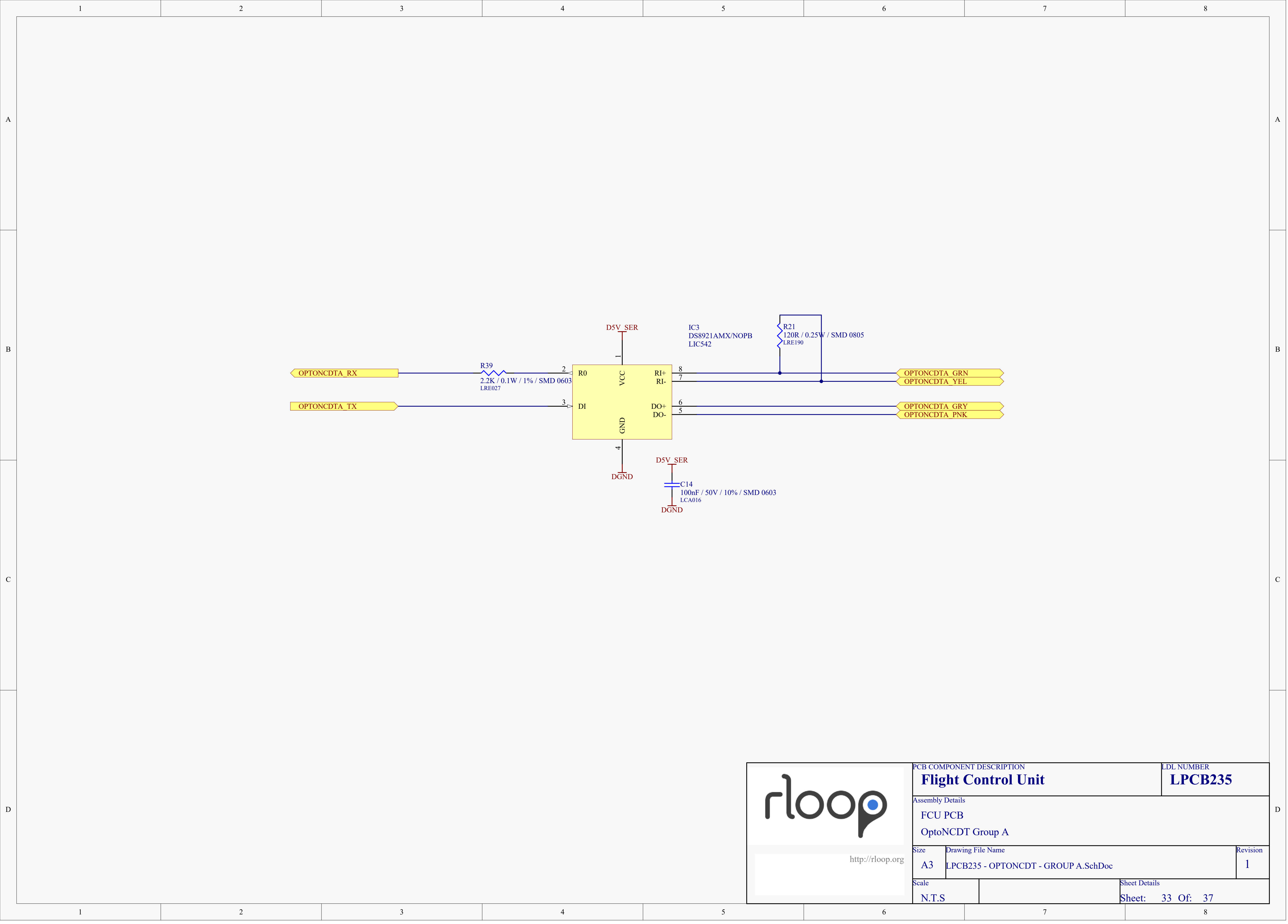





 http://rloop.org	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB		
	N2HET		
Size	Drawing File Name		Revision
A3	LPCB235 - RM48 - N2HET.SchDoc		2
Scale		Sheet Details	
N.T.S		Sheet: 29 Of: 37	







 http://rloop.org	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB OptoNCDT Group A		
Size	Drawing File Name		Revision
A3	LPCB235 - OPTONCDT - GROUP A.SchDoc		1
Scale		Sheet Details	
N.T.S		Sheet: 33 Of: 37	

