
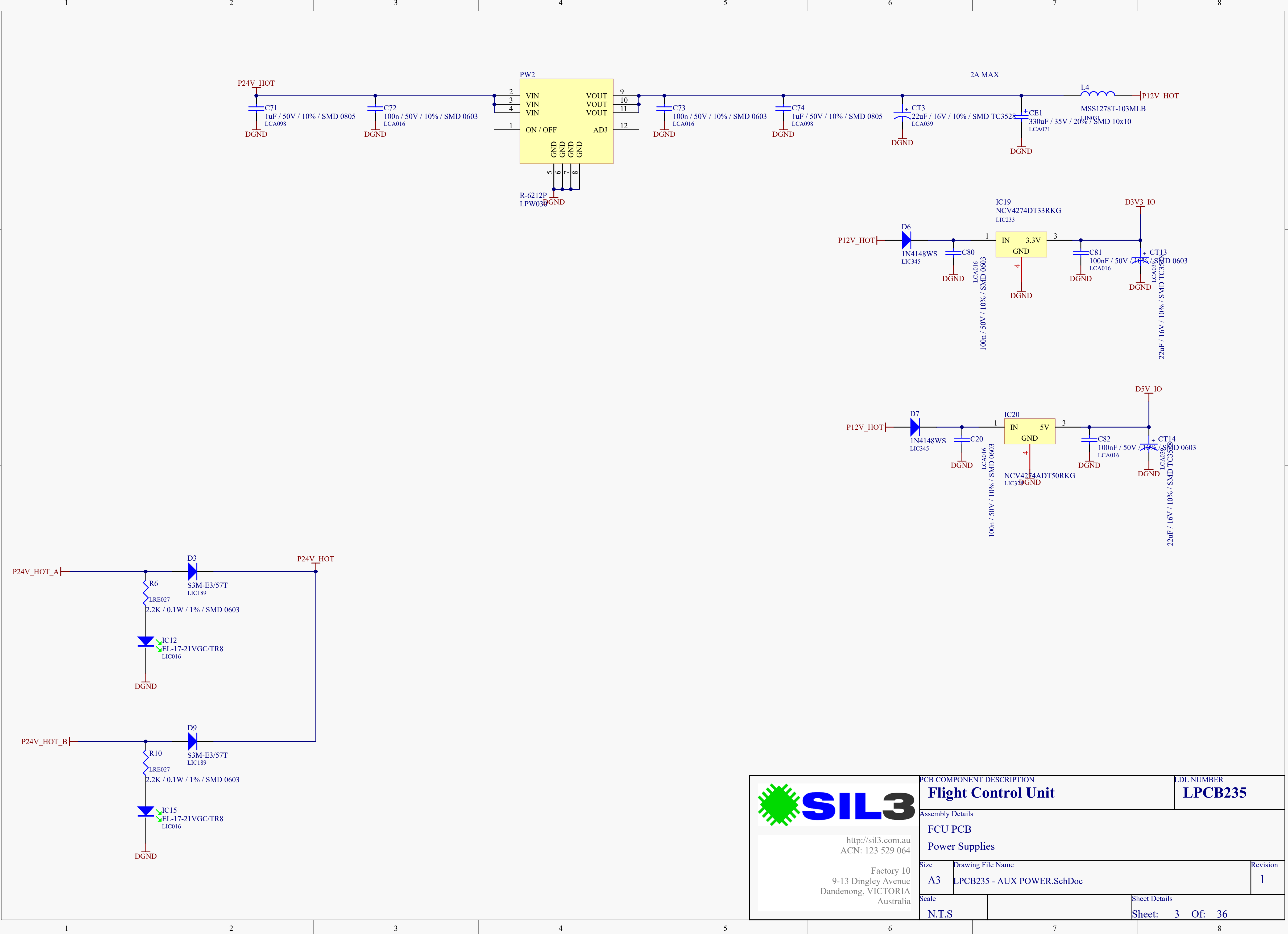


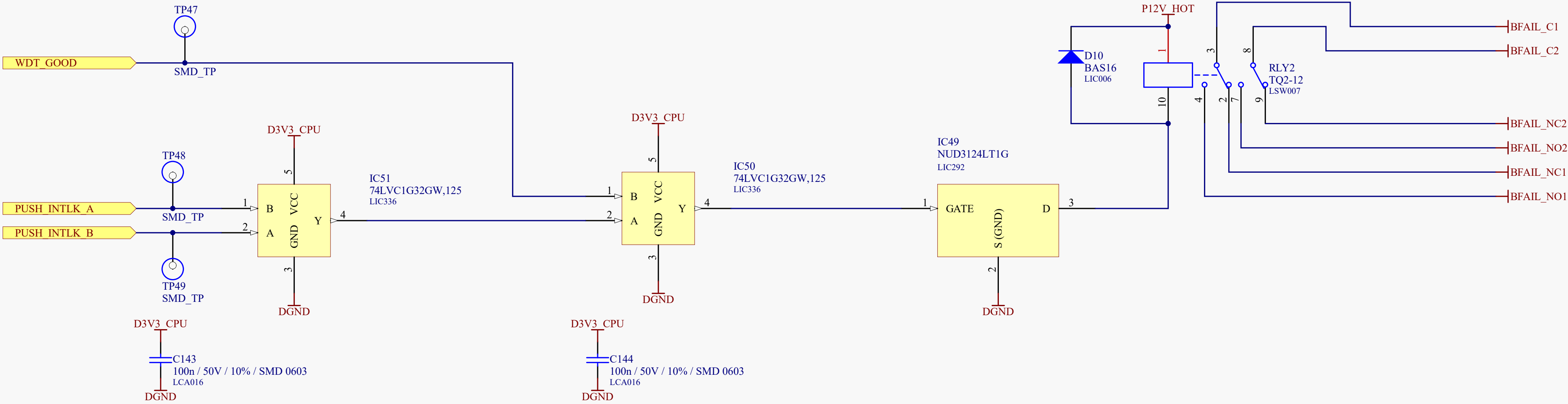
U\_LPCB235 - AUX POWER  
LPCB235 - AUX POWER.SchDoc


U\_LPCB235 - MECHANICAL  
LPCB235 - MECHANICAL.SchDoc

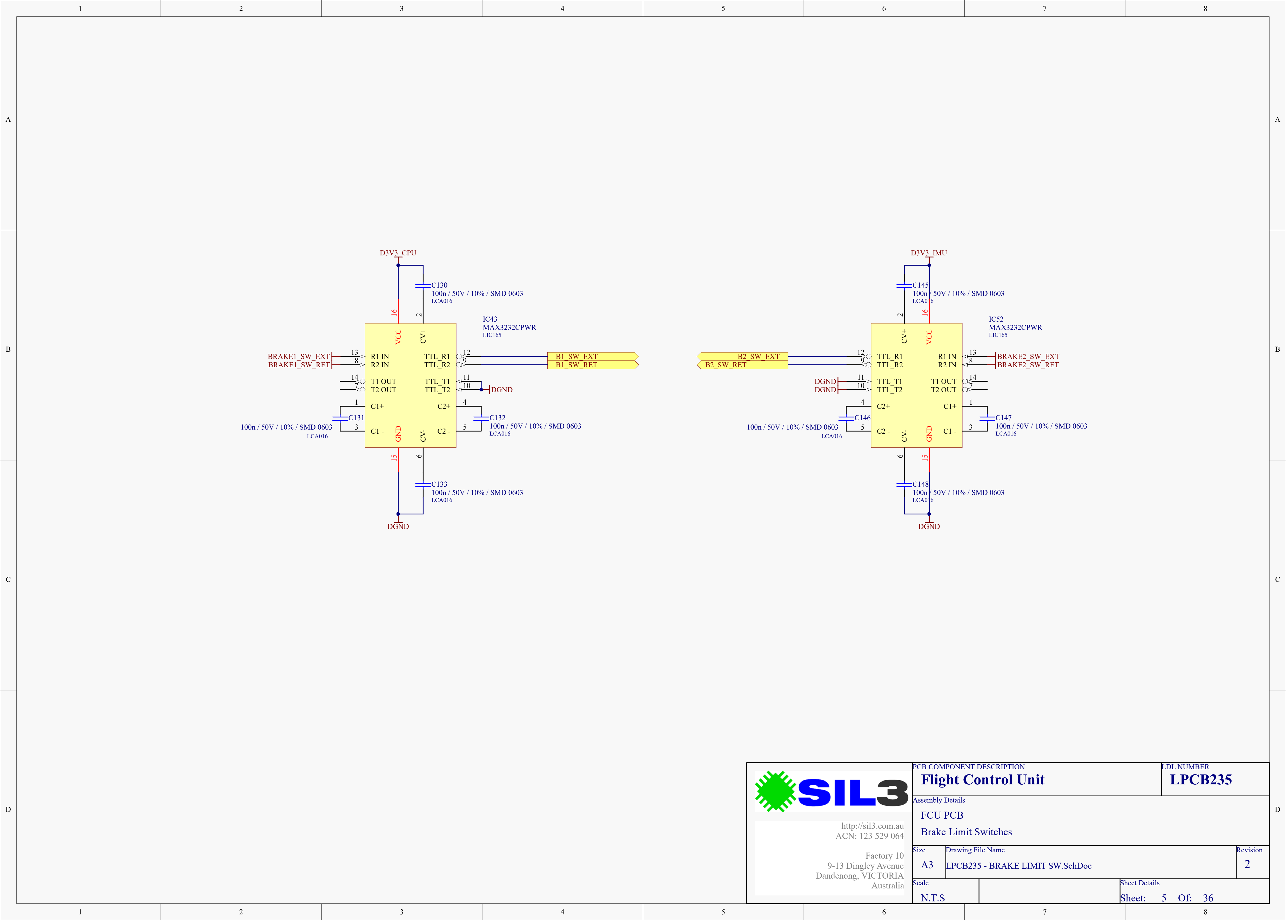
 <div>http://sil3.com.au ACN: 123 529 064</div> <div>Factory 10 9-13 Dingley Avenue Dandenong, VICTORIA Australia</div>	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB		
	Overview		
	Size	Drawing File Name	Revision
A3	LPCB235 - OVERVIEW.SchDoc	2	
Scale		Sheet Details	
N.T.S		Sheet: 1 Of: 36	




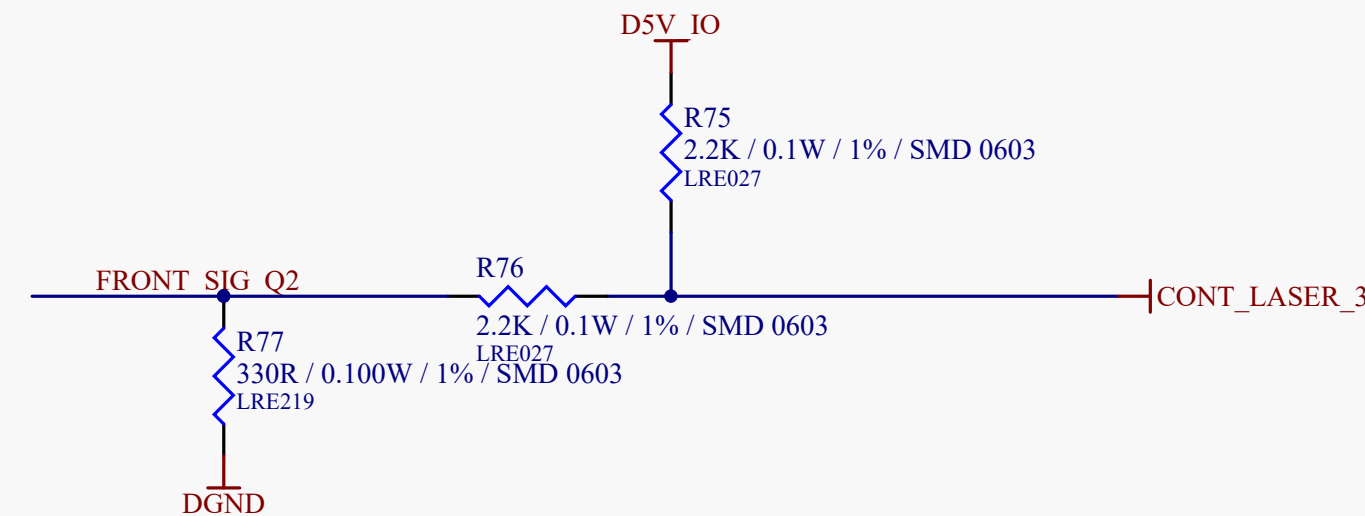
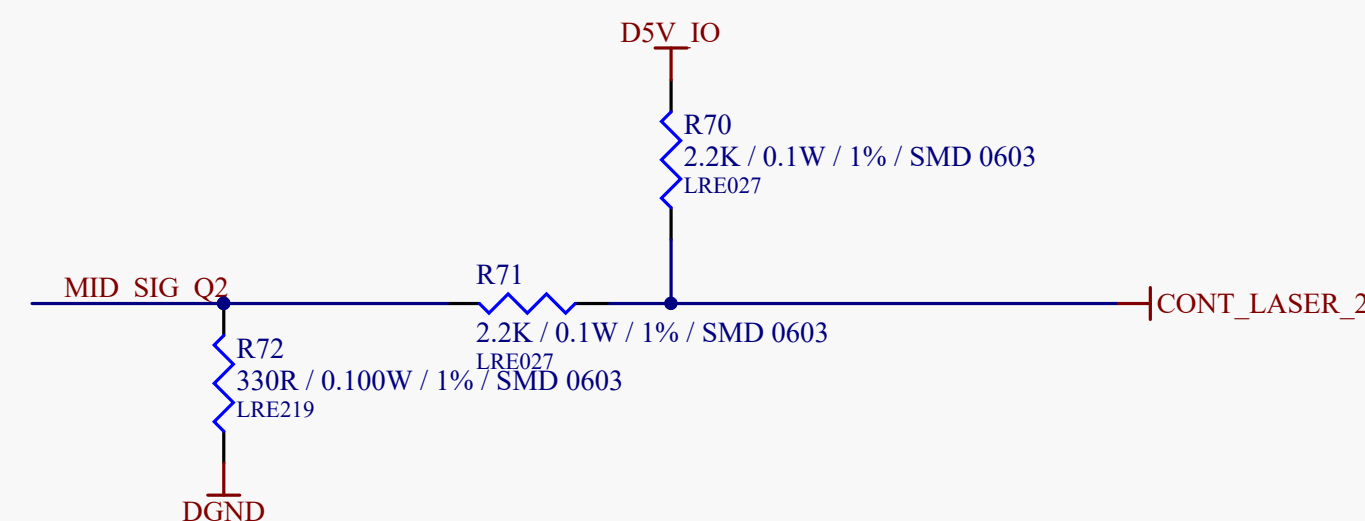
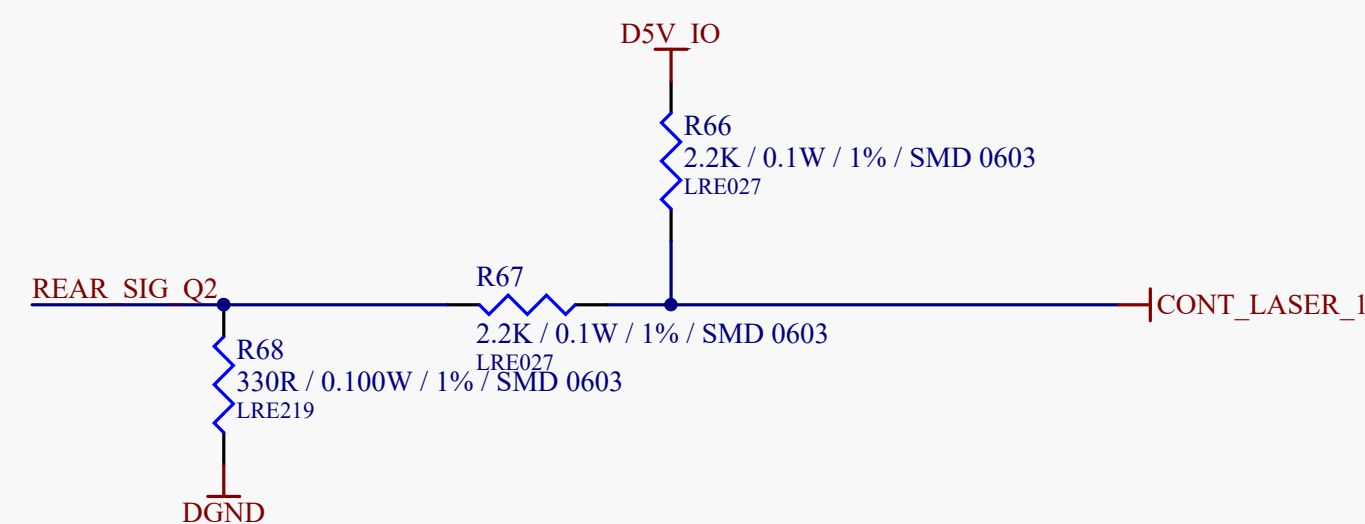
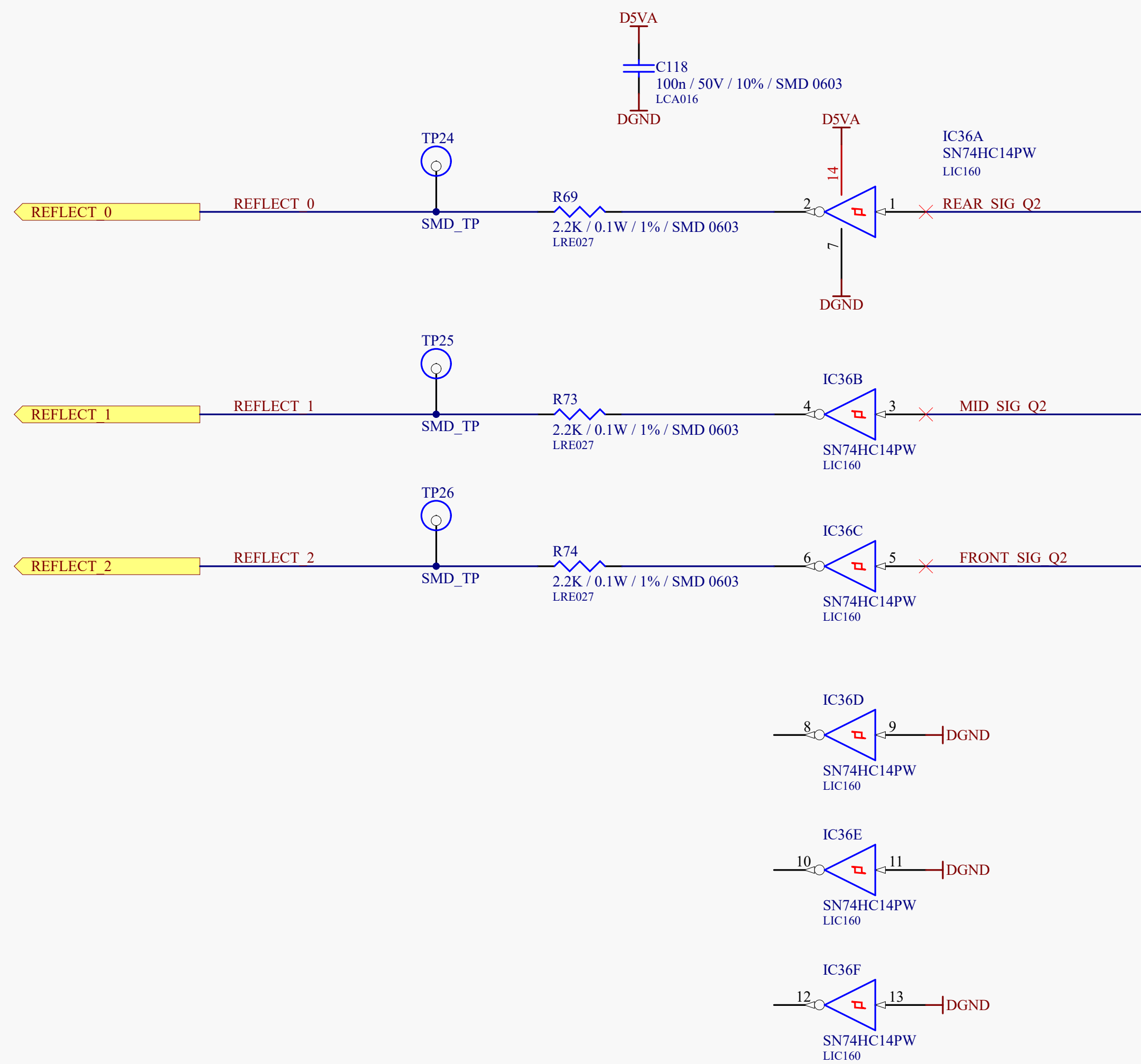





 <div><a href="http://sil3.com.au">http://sil3.com.au</a> ACN: 123 529 064  Factory 10 9-13 Dingley Avenue Dandenong, VICTORIA Australia</div>	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB		
	Brake Failsafe System		
	Size	Drawing File Name	Revision
A3	LPCB235 - BRAKE FAILSAFE.SchDoc	1	
Scale		Sheet Details	
N.T.S		Sheet: 4 Of: 36	

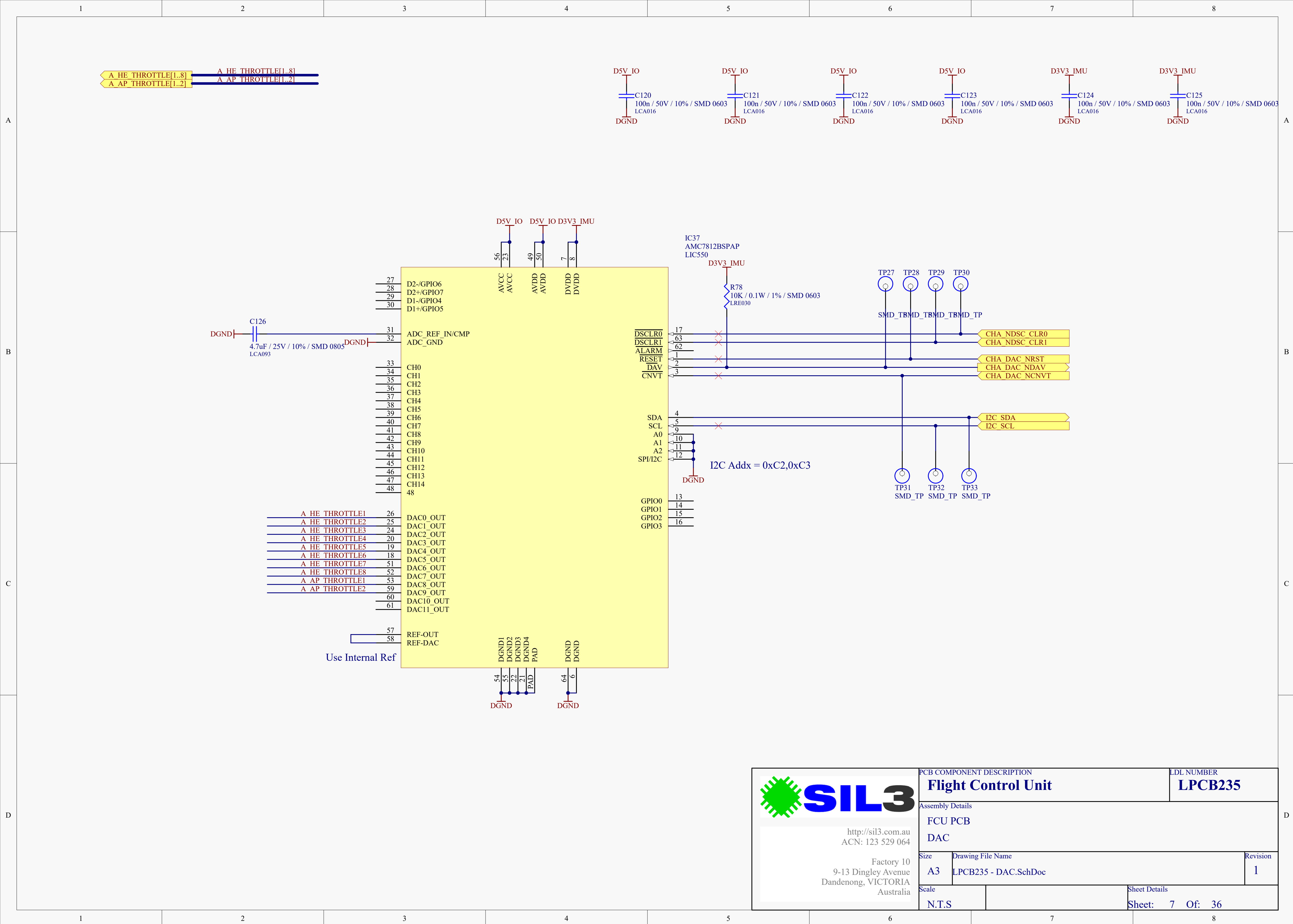


  <div>http://sil3.com.au ACN: 123 529 064</div> <div>Factory 10 9-13 Dingley Avenue Dandenong, VICTORIA Australia</div>	PCB COMPONENT DESCRIPTION			LDL NUMBER	
	Flight Control Unit			LPCB235	
	Assembly Details				
	FCU PCB				
	Brake Limit Switches				
	Size	Drawing File Name			Revision
A3	LPCB235 - BRAKE LIMIT SW.SchDoc			2	
Scale				Sheet Details	
N.T.S				Sheet: 5 Of: 36	



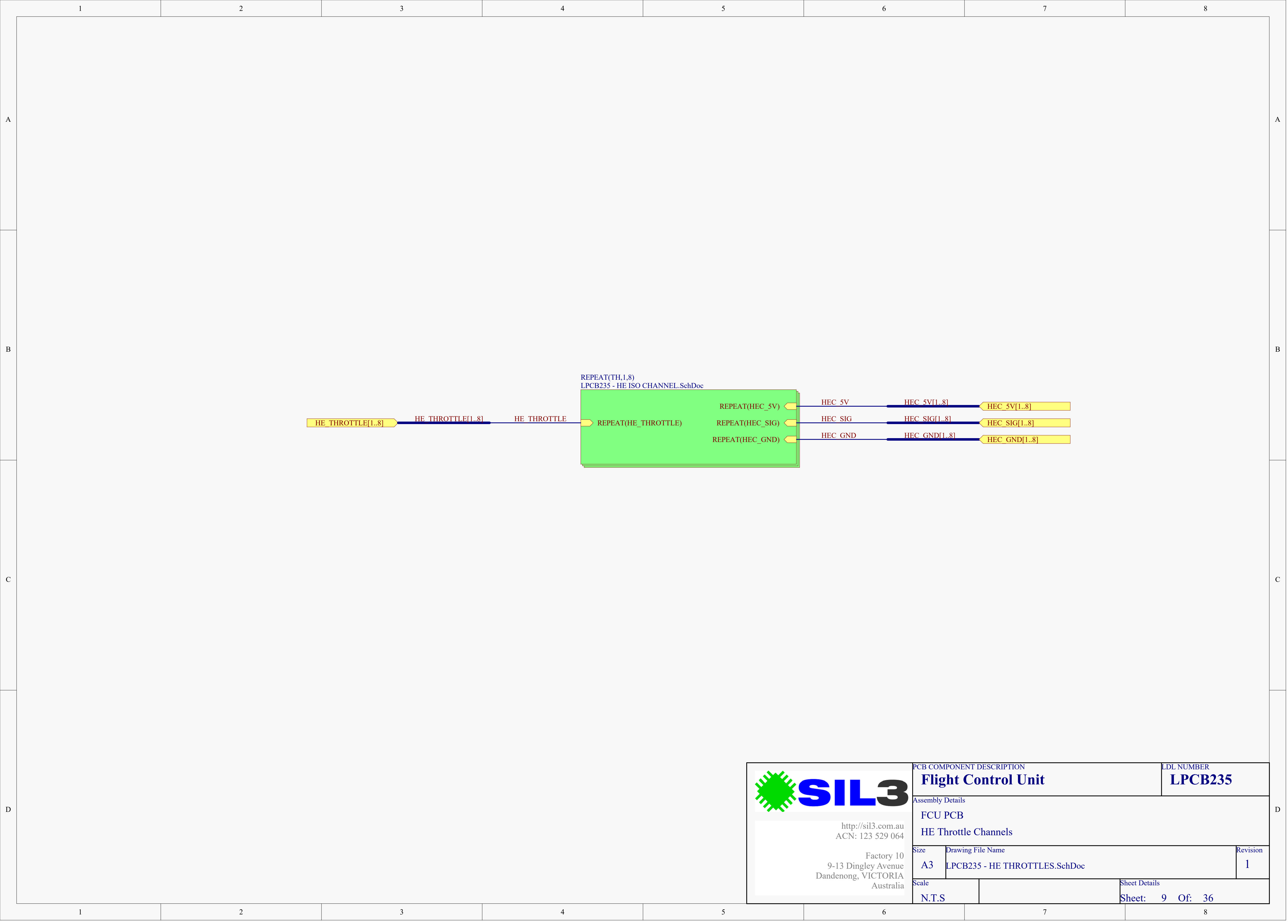
 <p> <a href="http://sil3.com.au">http://sil3.com.au</a>            ACN: 123 529 064             Factory 10            9-13 Dingley Avenue            Dandenong, VICTORIA            Australia         </p>	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB Contrast Lasers		
Size	Drawing File Name	Revision	
A3	LPCB235 - CONTRAST LASERS.SchDoc	1	
Scale		Sheet Details	
N.T.S		Sheet: 6 Of: 36	

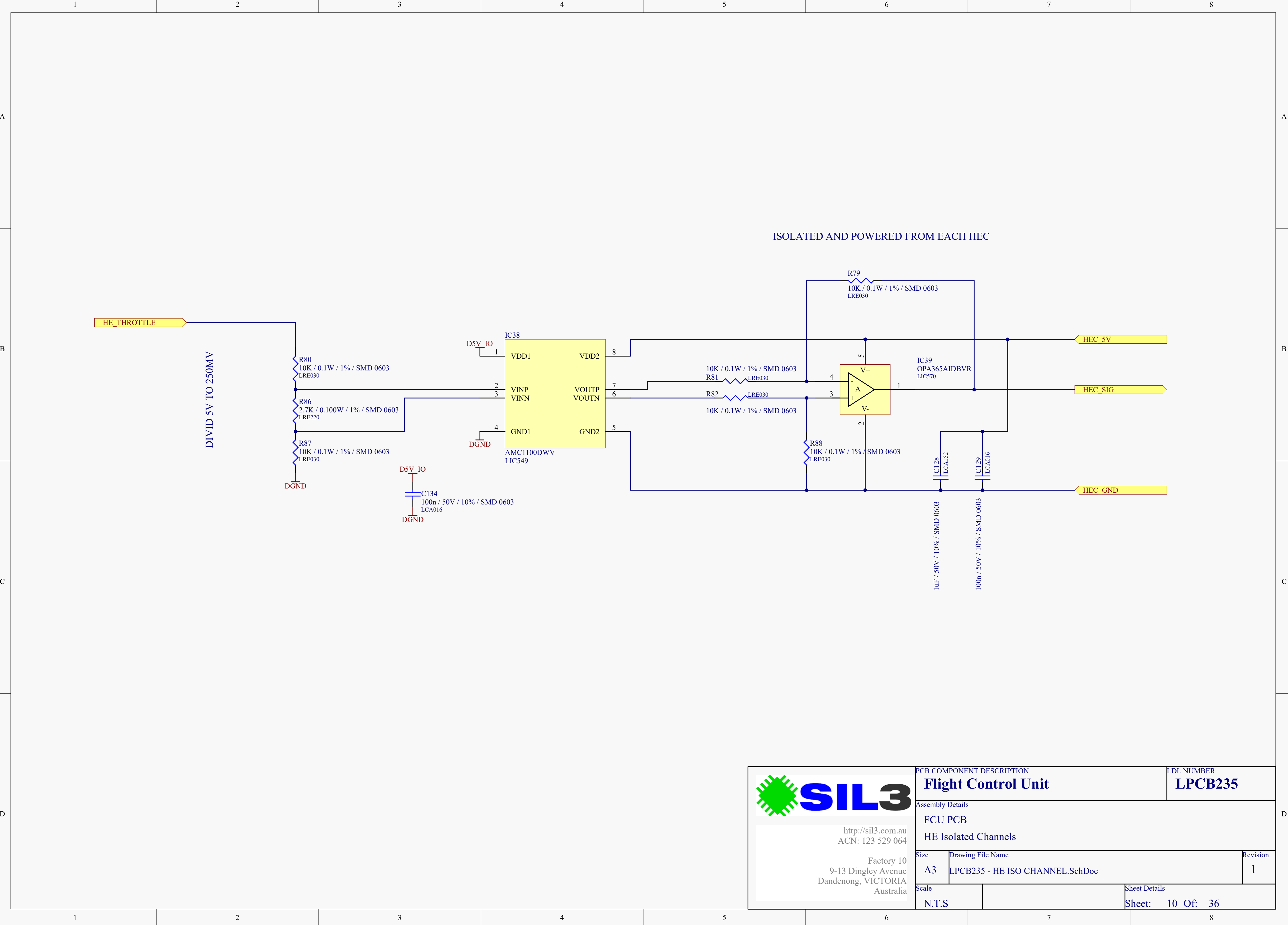


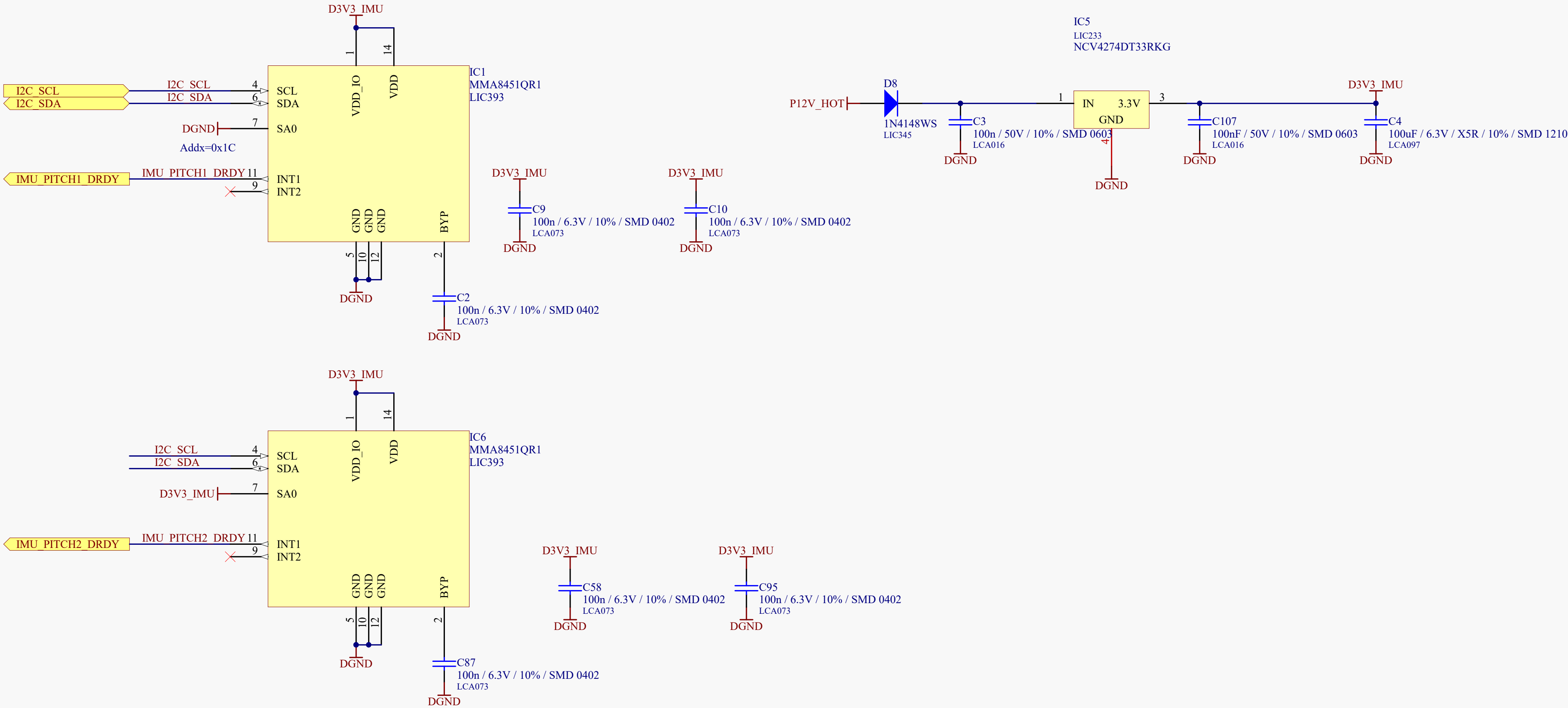













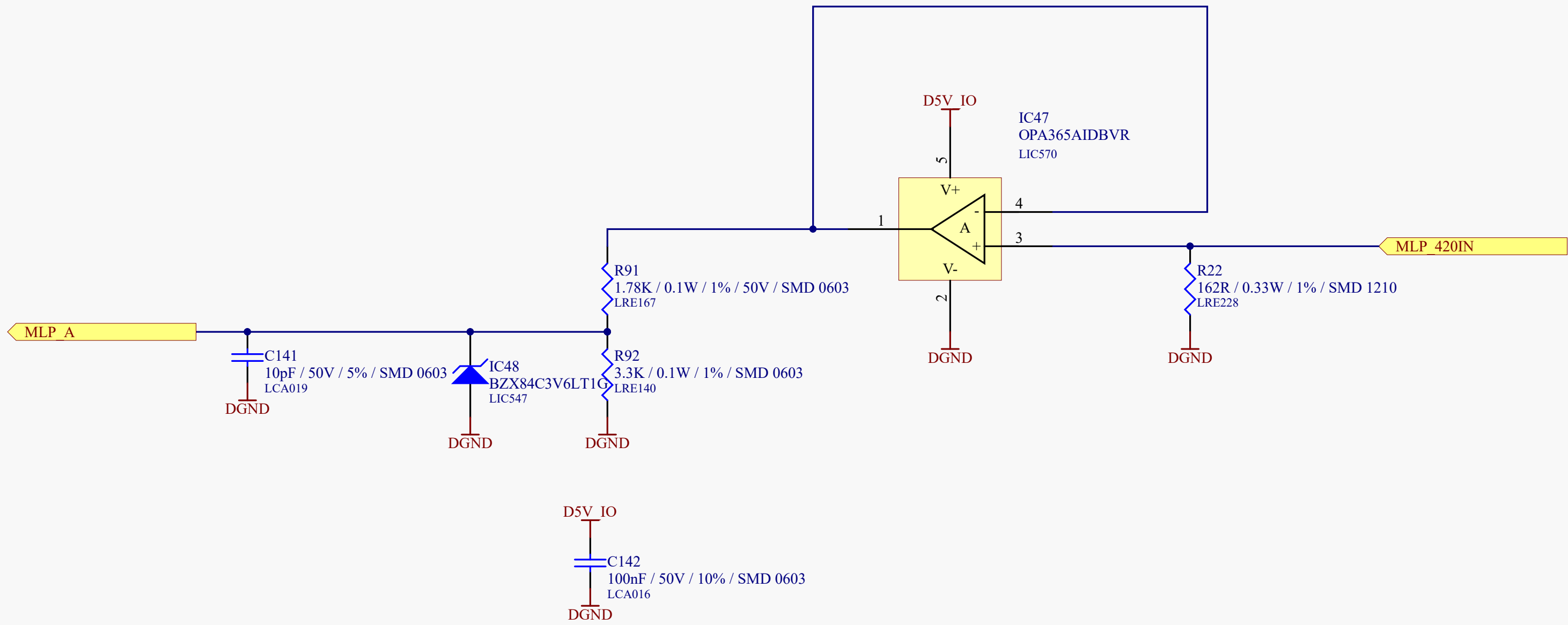
  <div>http://sil3.com.au ACN: 123 529 064</div> <div>Factory 10 9-13 Dingley Avenue Dandenong, VICTORIA Australia</div>	PCB COMPONENT DESCRIPTION		LDL NUMBER	
	Flight Control Unit		LPCB235	
	Assembly Details			
	FCU PCB  Inertial Measurement Unit			
Size	Drawing File Name		Revision	
A3	LPCB235 - IMU.SchDoc		2	
Scale		Sheet Details		
N.T.S		Sheet: 11 Of: 36		




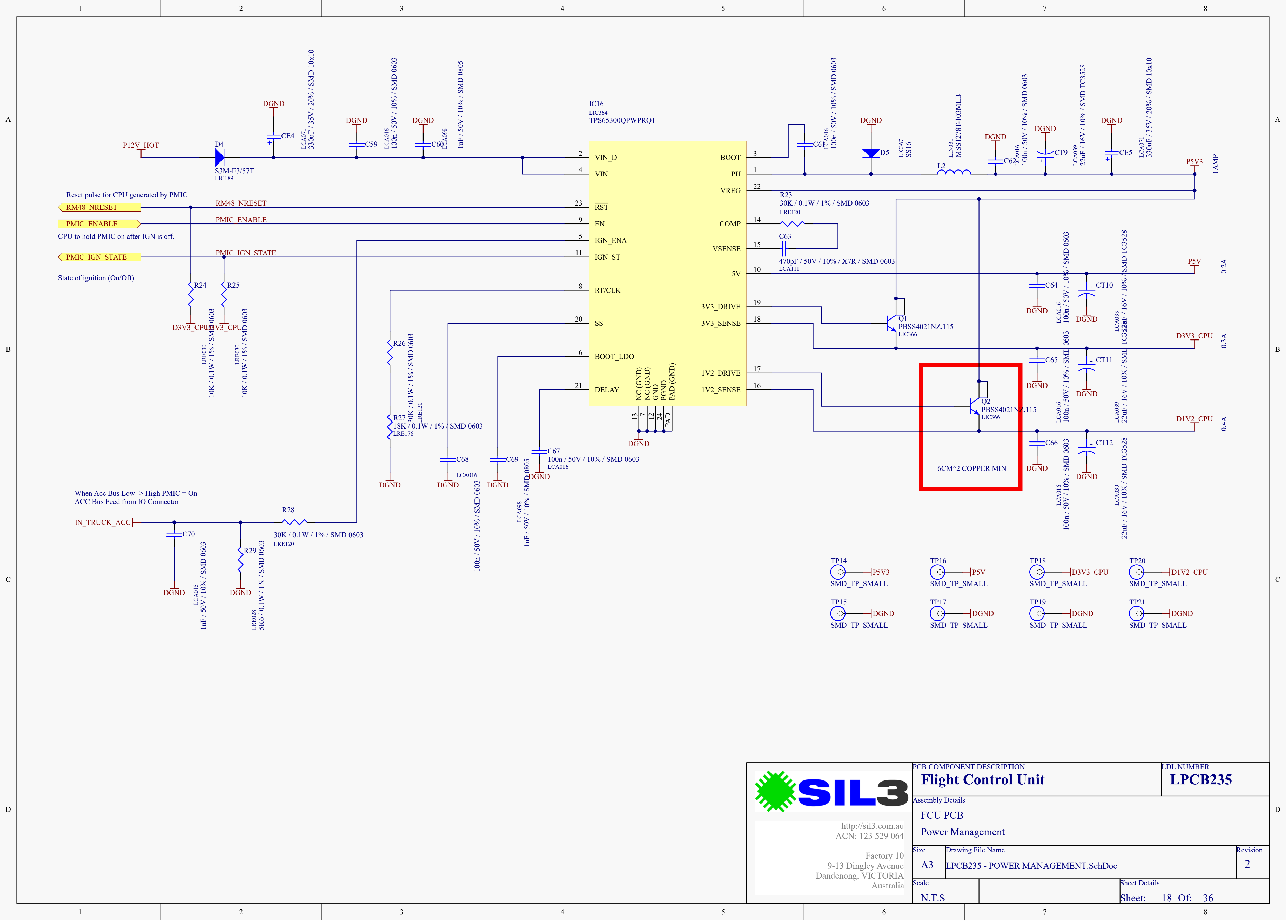


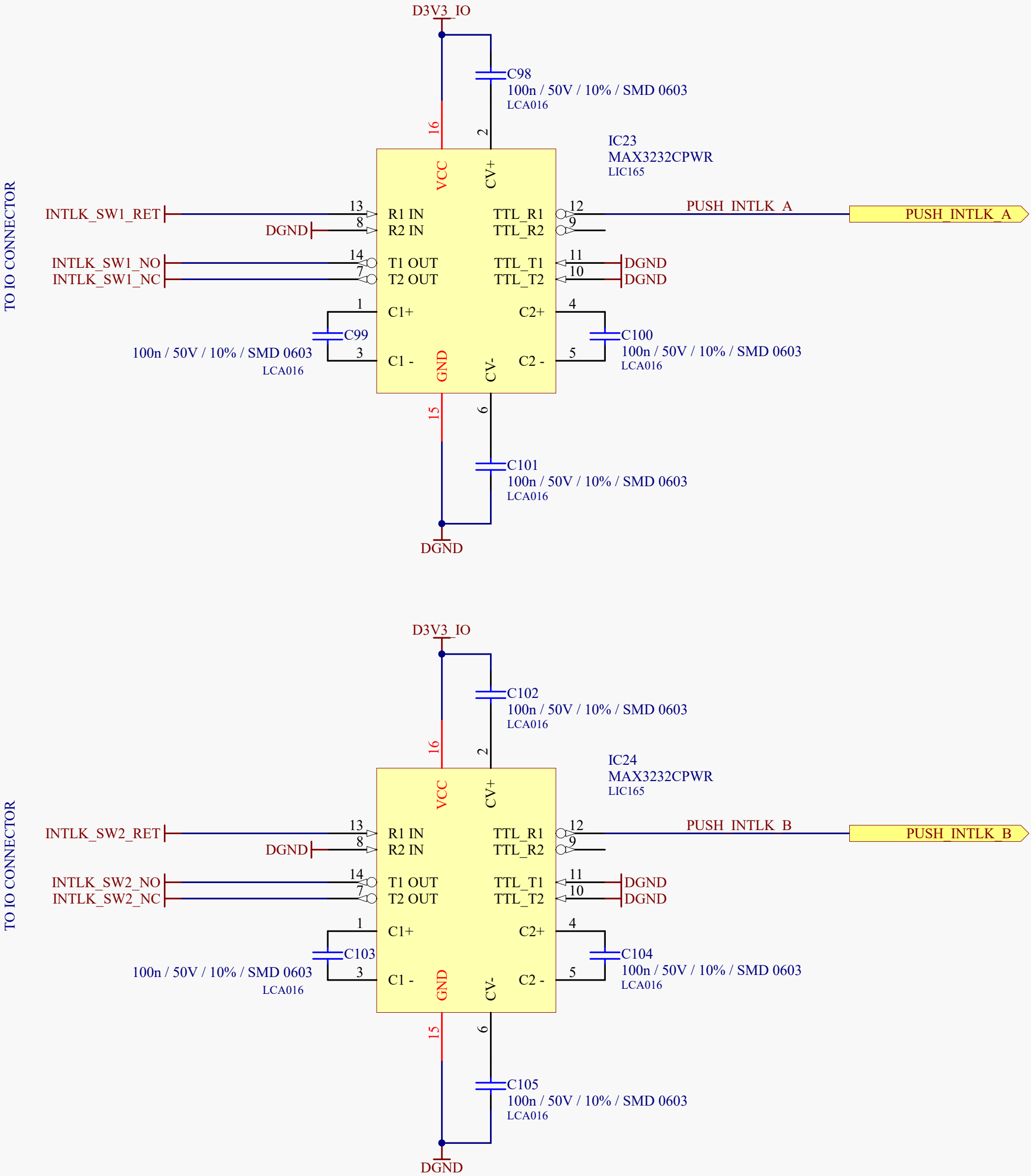





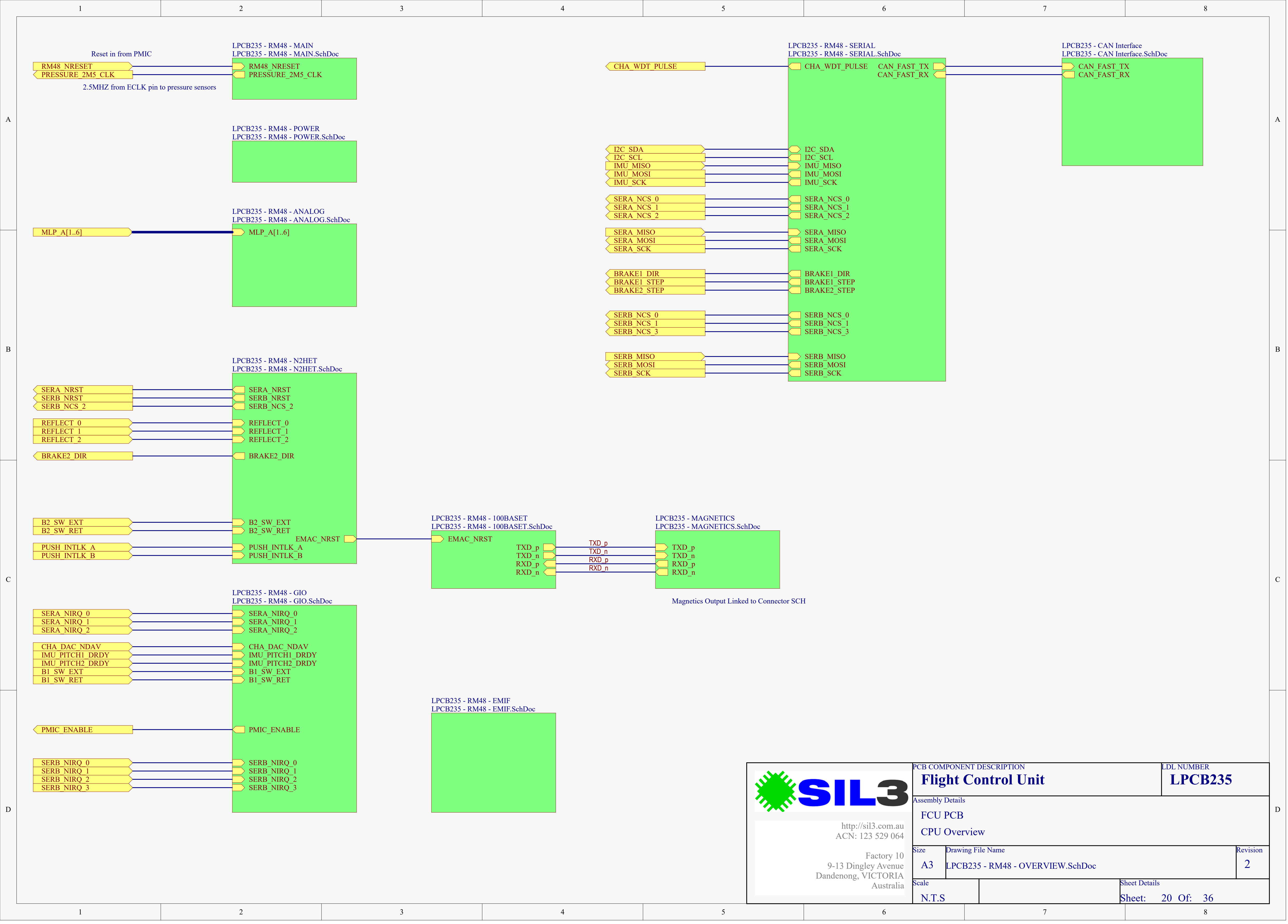



  <div><a href="http://sil3.com.au">http://sil3.com.au</a> ACN: 123 529 064</div> <div>Factory 10 9-13 Dingley Avenue Dandenong, VICTORIA Australia</div>	PCB COMPONENT DESCRIPTION		LDL NUMBER	
	Flight Control Unit		LPCB235	
	Assembly Details			
	FCU PCB			
	MLP Channel			
	Size	Drawing File Name		Revision
A3	LPCB235 - MLP CHANNEL.SchDoc		1	
Scale				Sheet Details
N.T.S				Sheet: 15 Of: 36

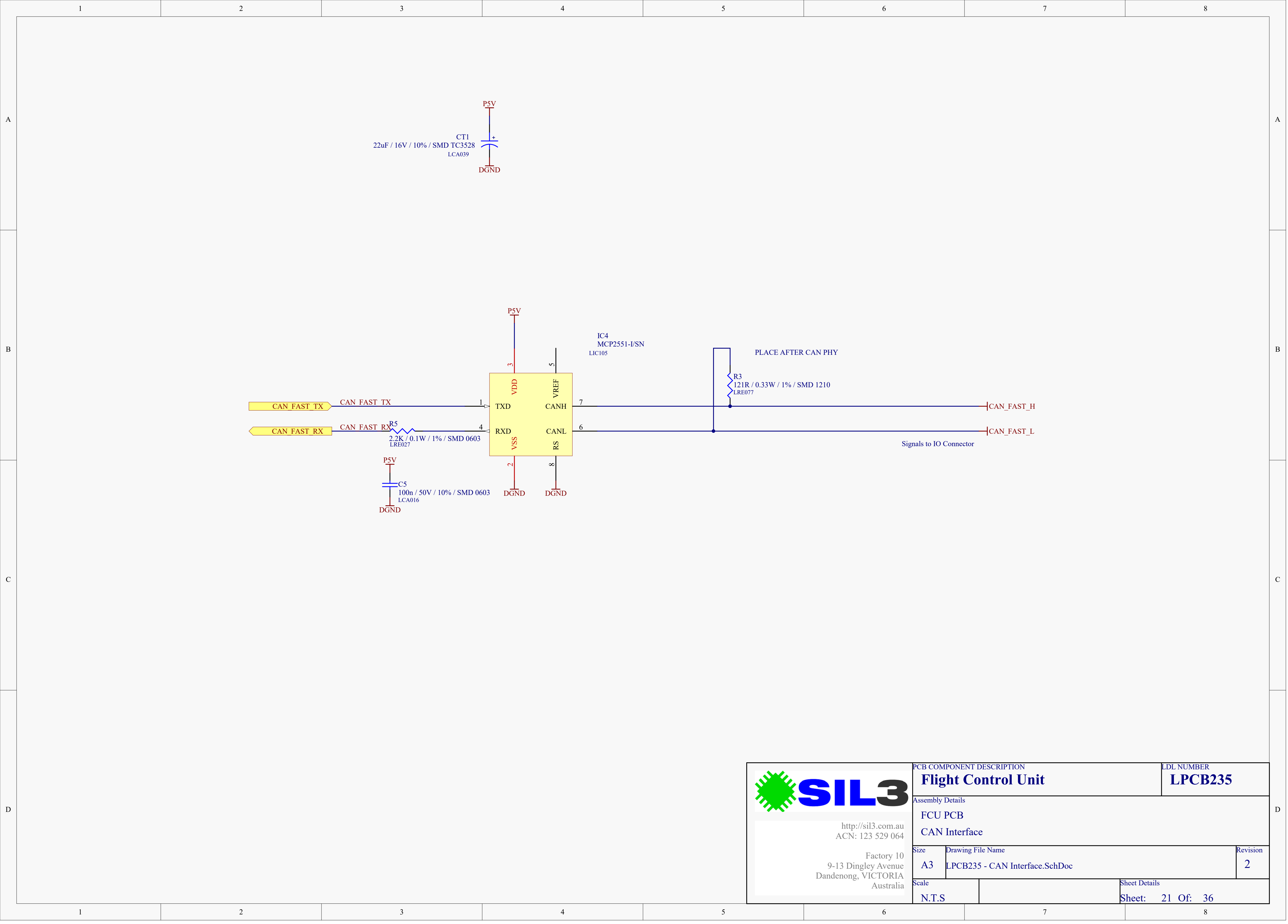





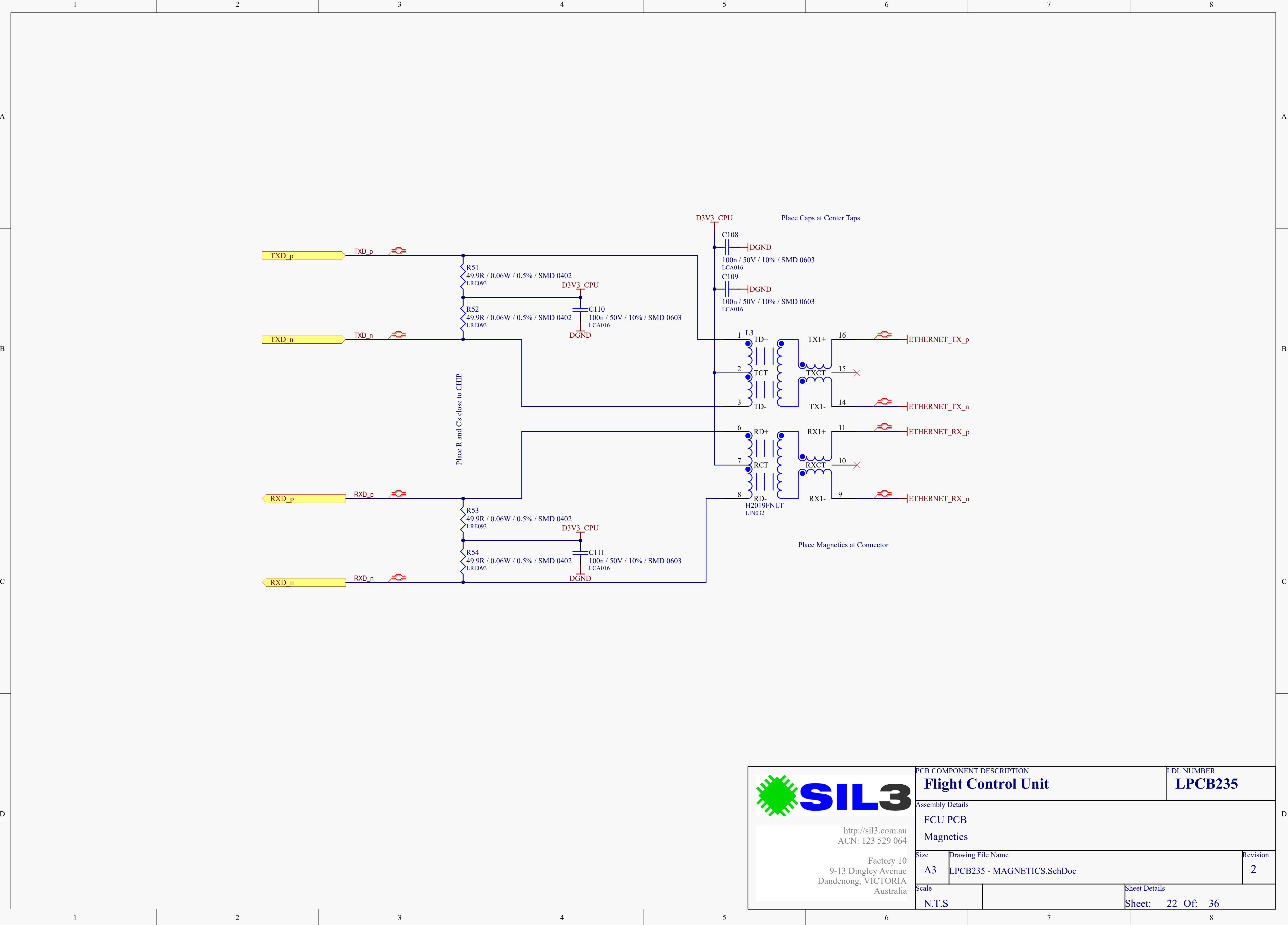
  <div>http://sil3.com.au ACN: 123 529 064</div> <div>Factory 10 9-13 Dingley Avenue Dandenong, VICTORIA Australia</div>	PCB COMPONENT DESCRIPTION			LDL NUMBER	
	Flight Control Unit			LPCB235	
	Assembly Details				
	FCU PCB				
	Pusher Interlock				
	Size	Drawing File Name			Revision
A3	LPCB235 - PUSHER INTERLOCK.SchDoc			1	
Scale				Sheet Details	
N.T.S				Sheet: 19 Of: 36	




  <div>http://sil3.com.au ACN: 123 529 064</div> <div>Factory 10 9-13 Dingley Avenue Dandenong, VICTORIA Australia</div>	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB		
	CPU Overview		
Size	Drawing File Name		Revision
A3	LPCB235 - RM48 - OVERVIEW.SchDoc		2
Scale		Sheet Details	
N.T.S		Sheet: 20 Of: 36	

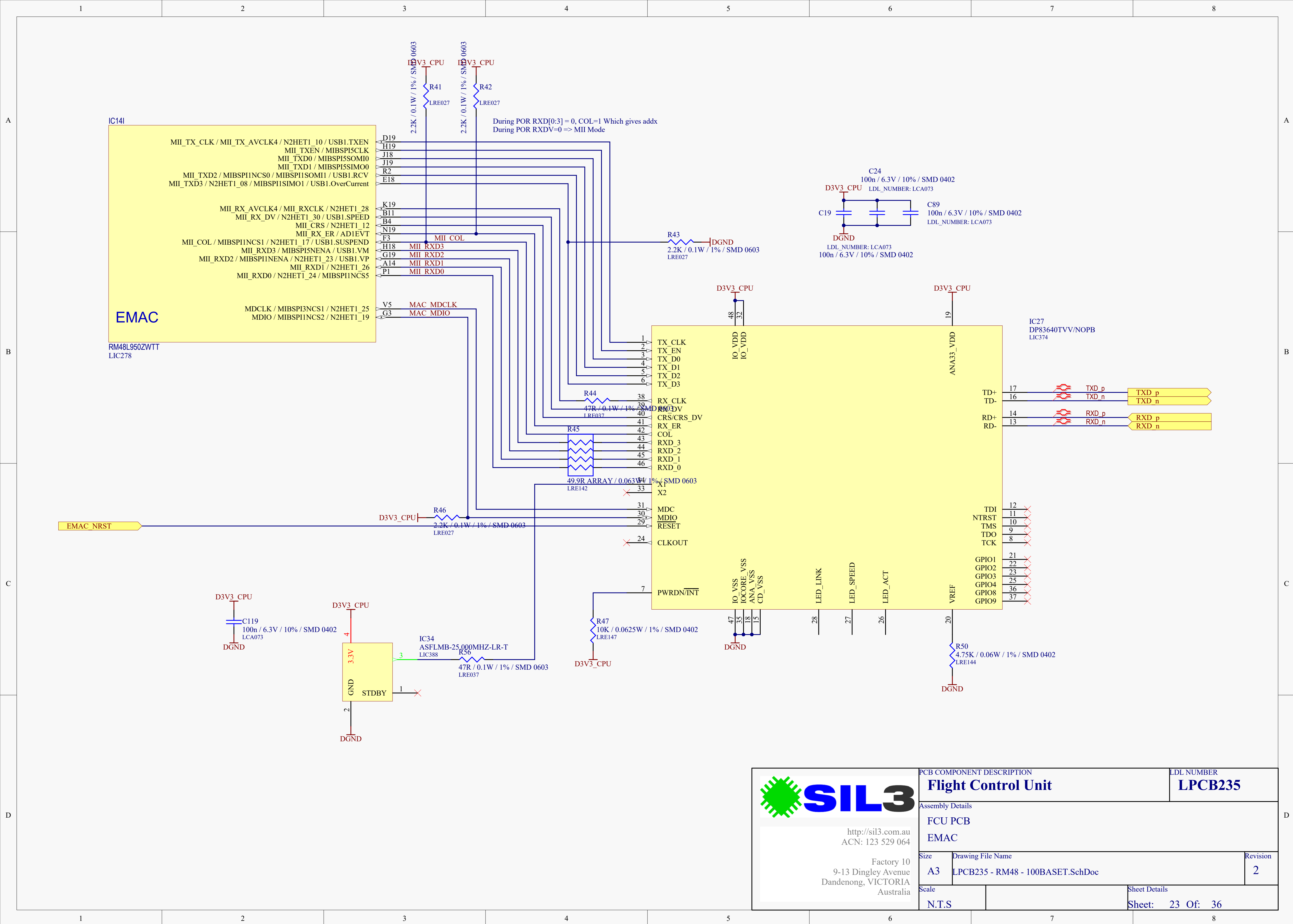


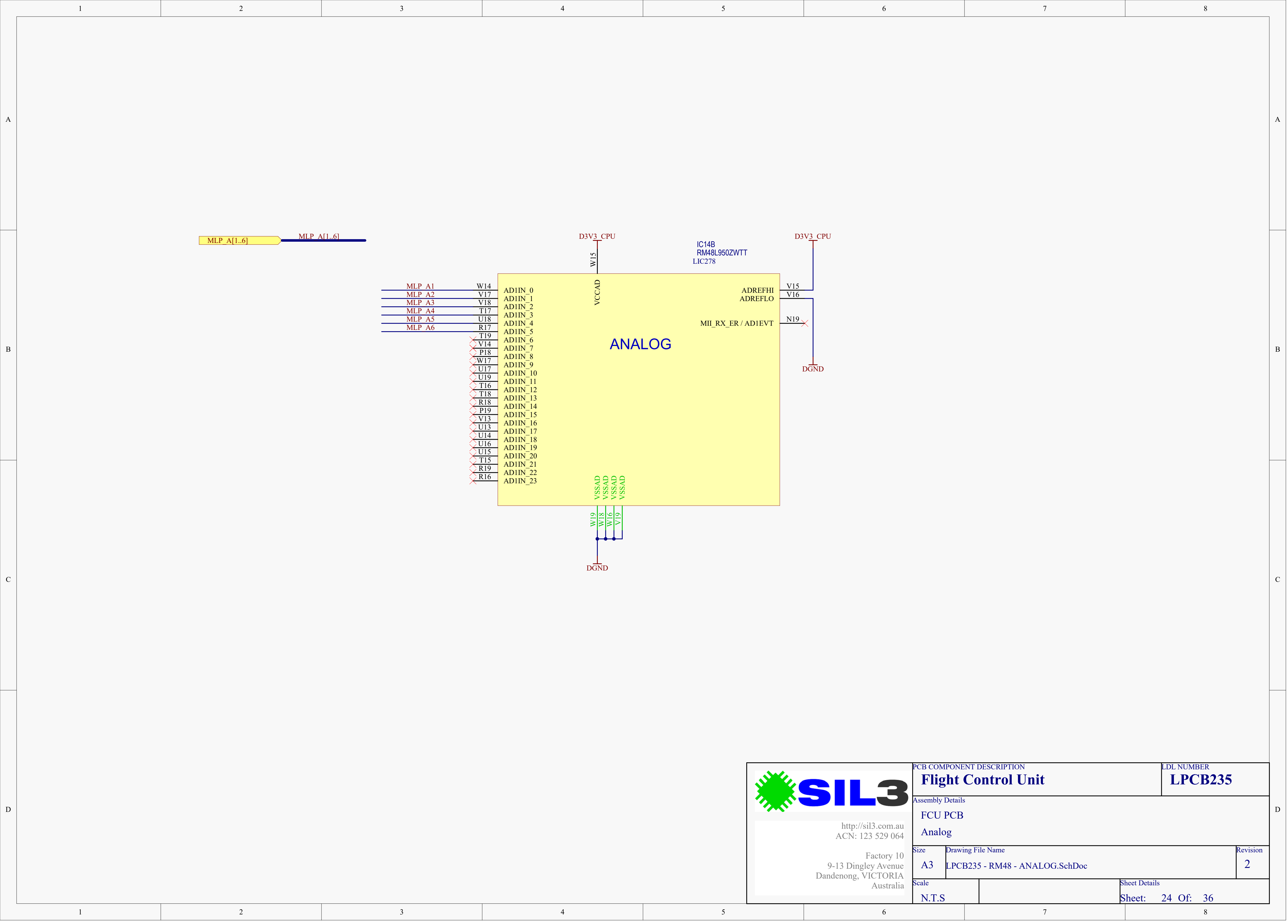
<div><div>http://sil3.com.au ACN: 123 529 064</div><div>Factory 10 9-13 Dingley Avenue Dandenong, VICTORIA Australia</div></div>	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB		
	CAN Interface		
Size	Drawing File Name		Revision
A3	LPCB235 - CAN Interface.SchDoc		2
Scale		Sheet Details	
N.T.S		Sheet: 21 Of: 36	

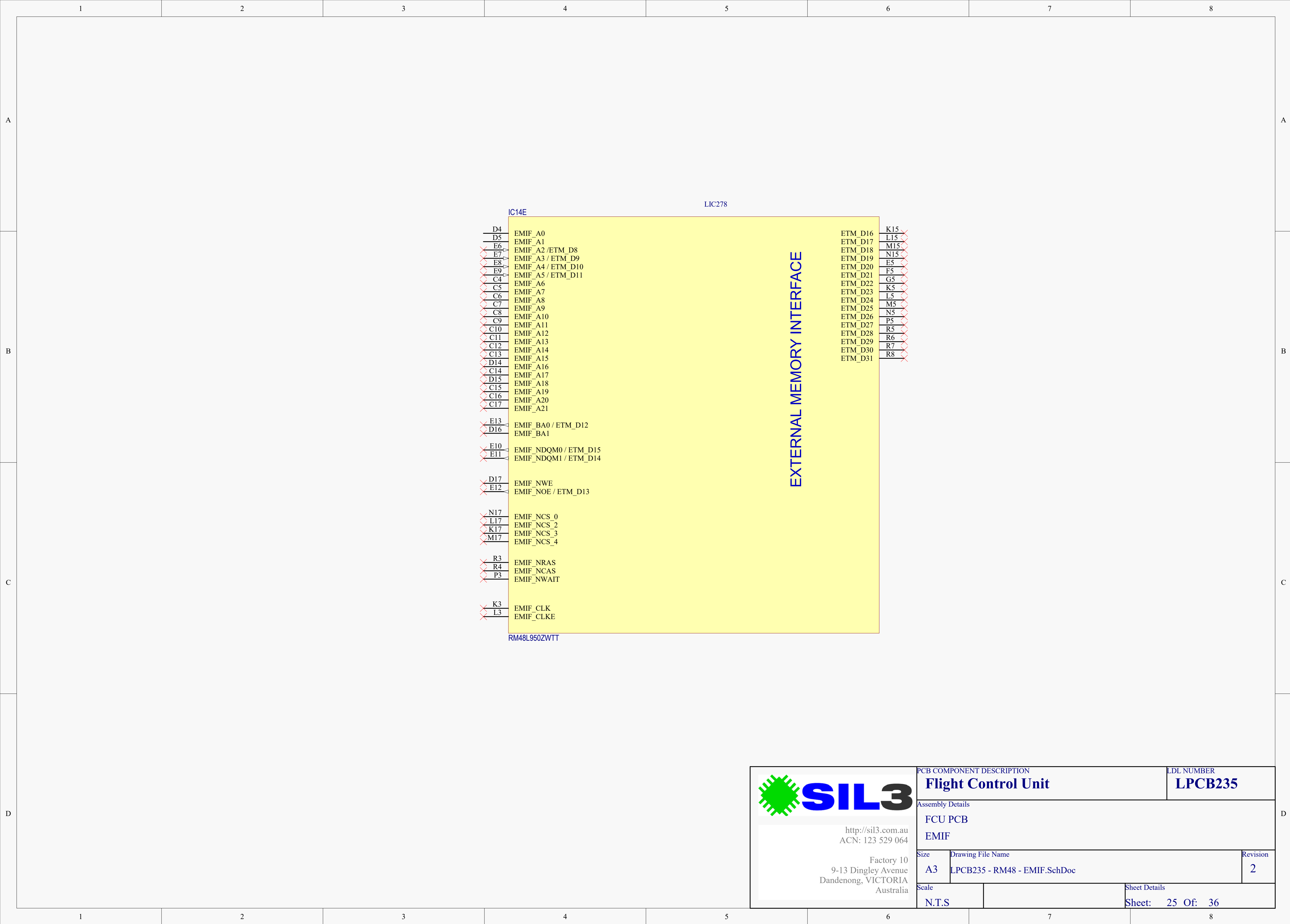


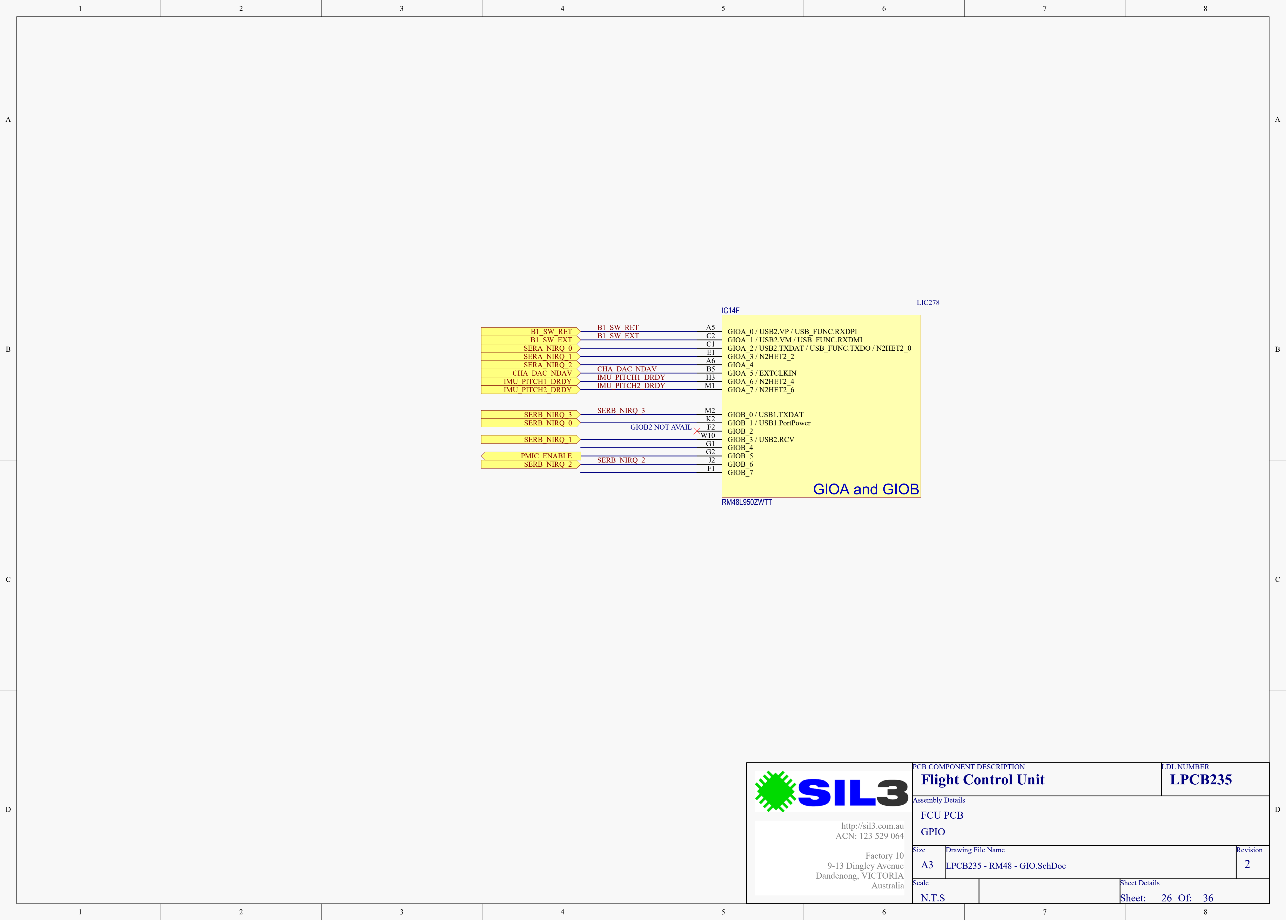
 <div><a href="http://sil3.com.au">http://sil3.com.au</a> ACN: 123 529 064</div> <div>Factory 10 9-13 Dingley Avenue Dandenong, VICTORIA Australia</div>	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB		
	Magnetics		
Size	Drawing File Name		Revision
A3	LPCB235 - MAGNETICS.SchDoc		2
Scale		Sheet Details	
N.T.S		Sheet: 22 Of: 36	













http://sil3.com.au  
ACN: 123 529 064

Factory 10  
9-13 Dingley Avenue  
Dandenong, VICTORIA  
Australia

PCB COMPONENT DESCRIPTION

Flight Control Unit

LDL NUMBER

LPCB235

Assembly Details

FCU PCB

GPIO

Size

A3

Drawing File Name

LPCB235 - RM48 - GIO.SchDoc

Revision

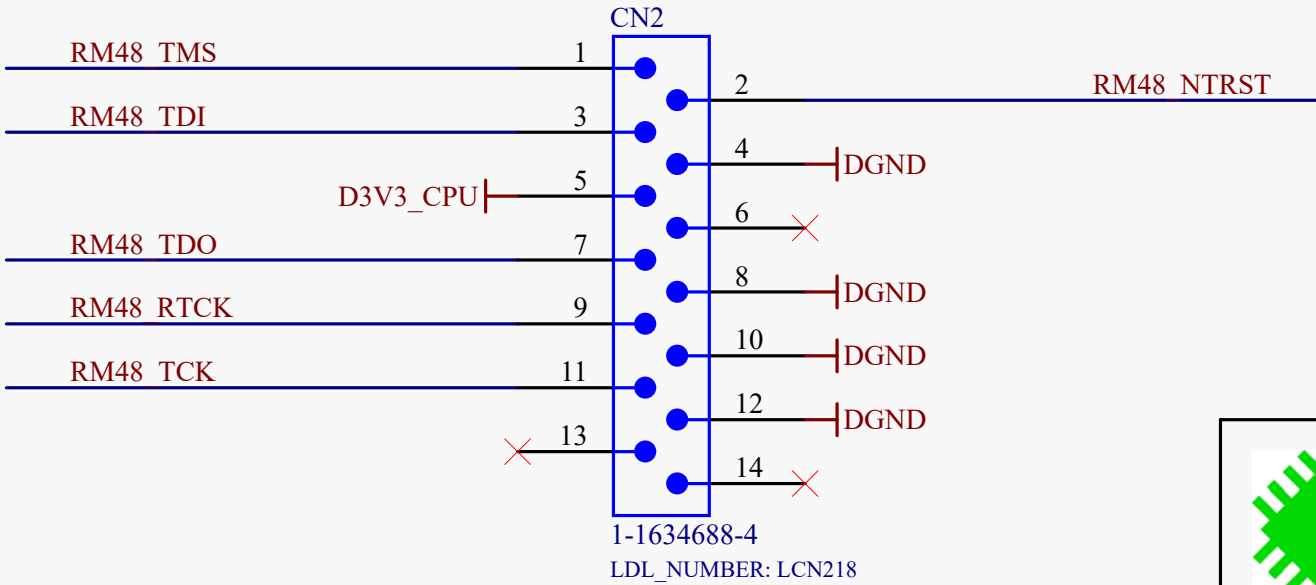
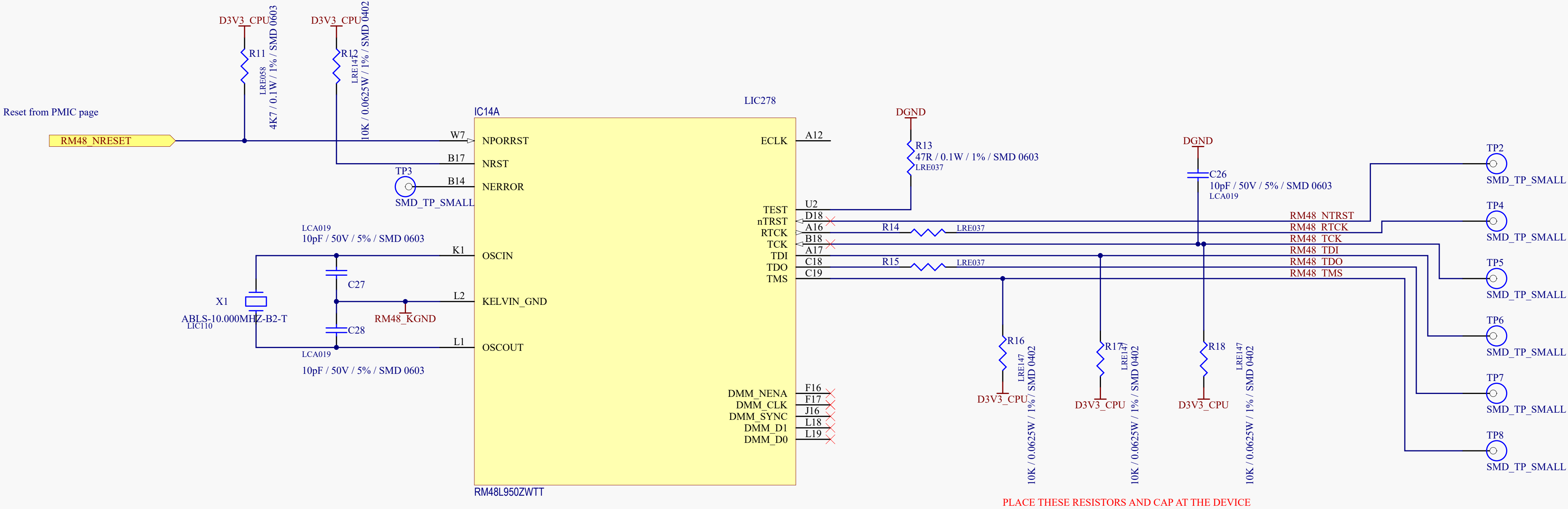
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Scale


N.T.S

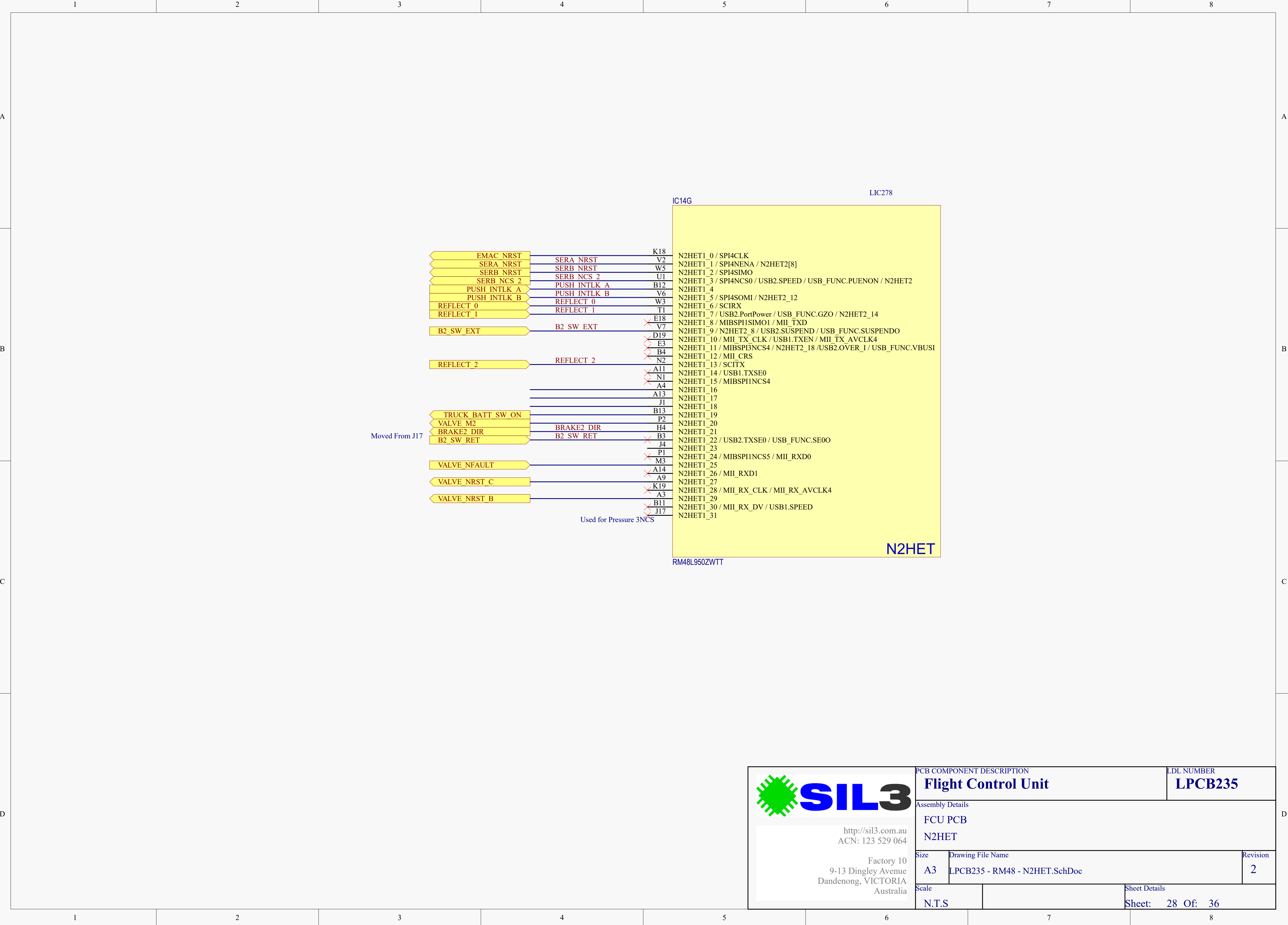
Sheet Details

Sheet: 26 Of: 36



NOTE: PIN 1 FACING OUT OF PCB  
NOTE, REMOVE PIN 6

  <div>http://sil3.com.au ACN: 123 529 064</div> <div>Factory 10 9-13 Dingley Avenue Dandenong, VICTORIA Australia</div>	PCB COMPONENT DESCRIPTION		LDL NUMBER	
	Flight Control Unit		LPCB235	
	Assembly Details			
	FCU PCB			
	Main			
	Size	Drawing File Name		Revision
A3	LPCB235 - RM48 - MAIN.SchDoc		2	
Scale		Sheet Details		
N.T.S		Sheet: 27 Of: 36		





http://sil3.com.au

ACN: 123 529 064

Factory 10

9-13 Dingley Avenue

Dandenong, VICTORIA

Australia

PCB COMPONENT DESCRIPTION

Flight Control Unit

LDL NUMBER

LPCB235

Assembly Details

FCU PCB

N2HET

Size

A3

Drawing File Name

LPCB235 - RM48 - N2HET.SchDoc

Revision

2

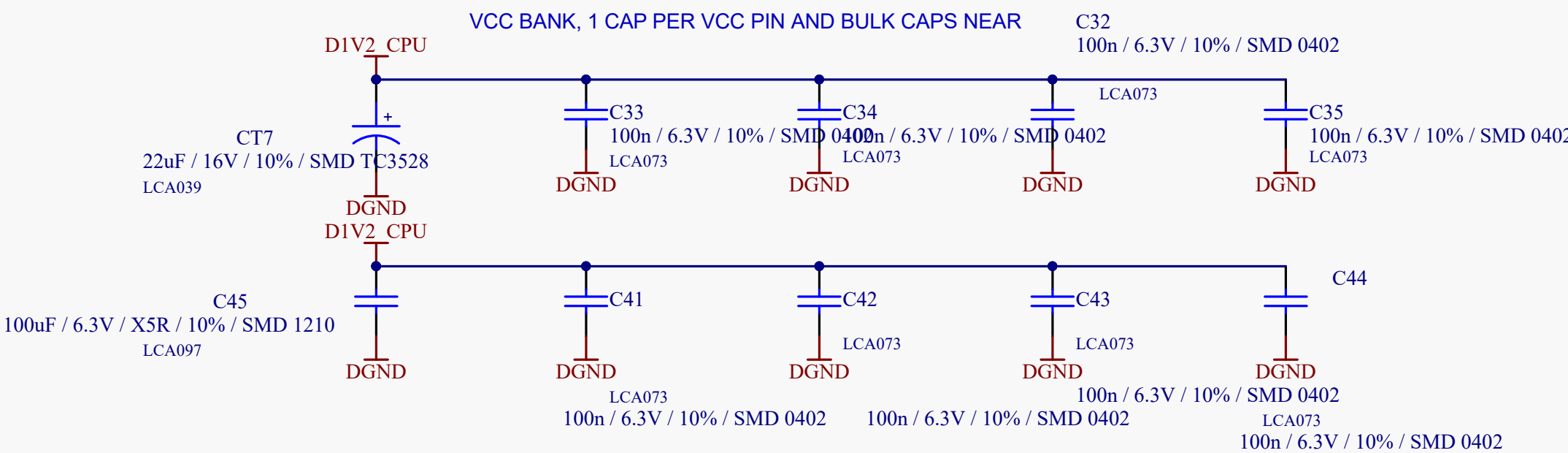
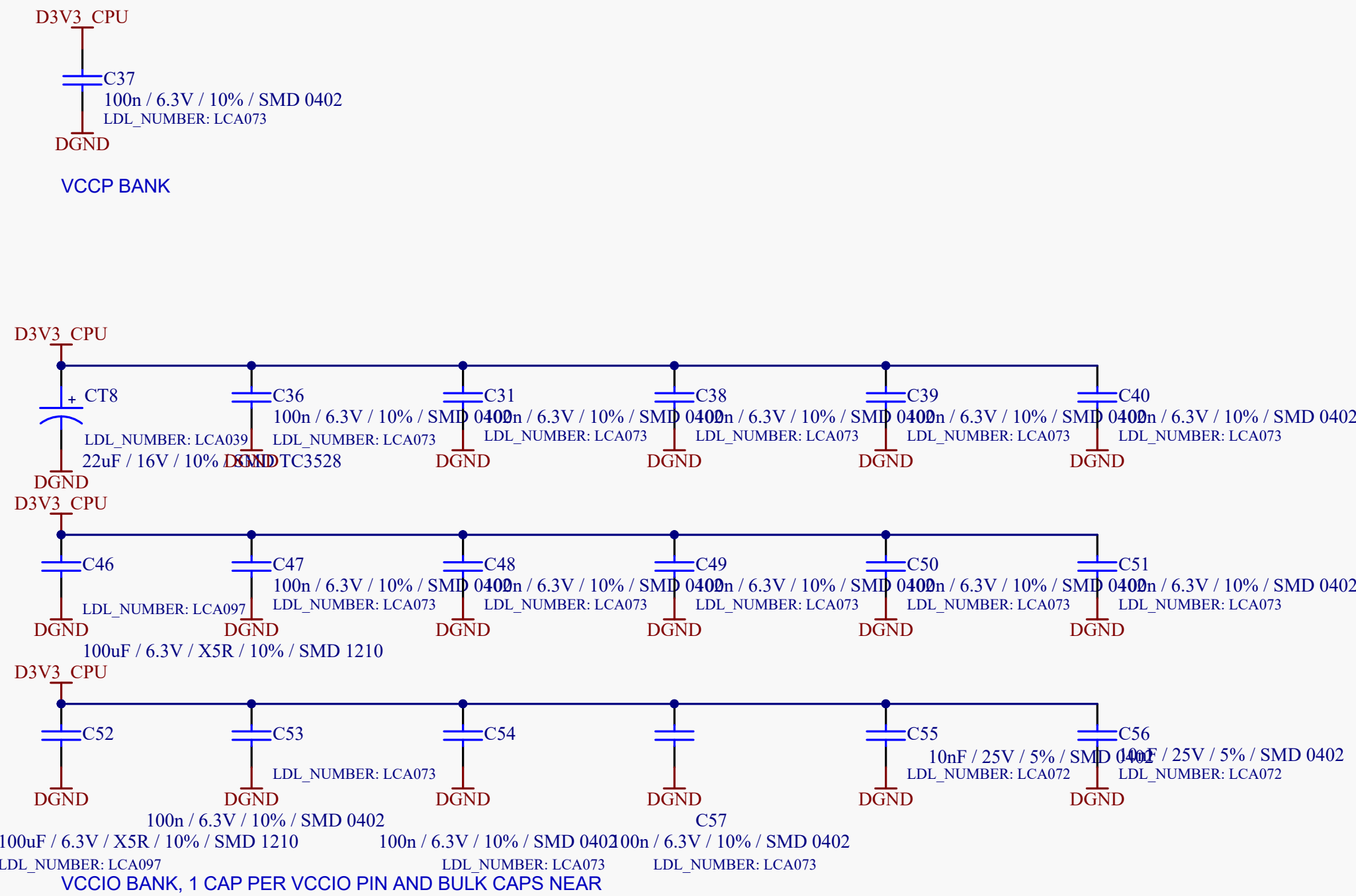
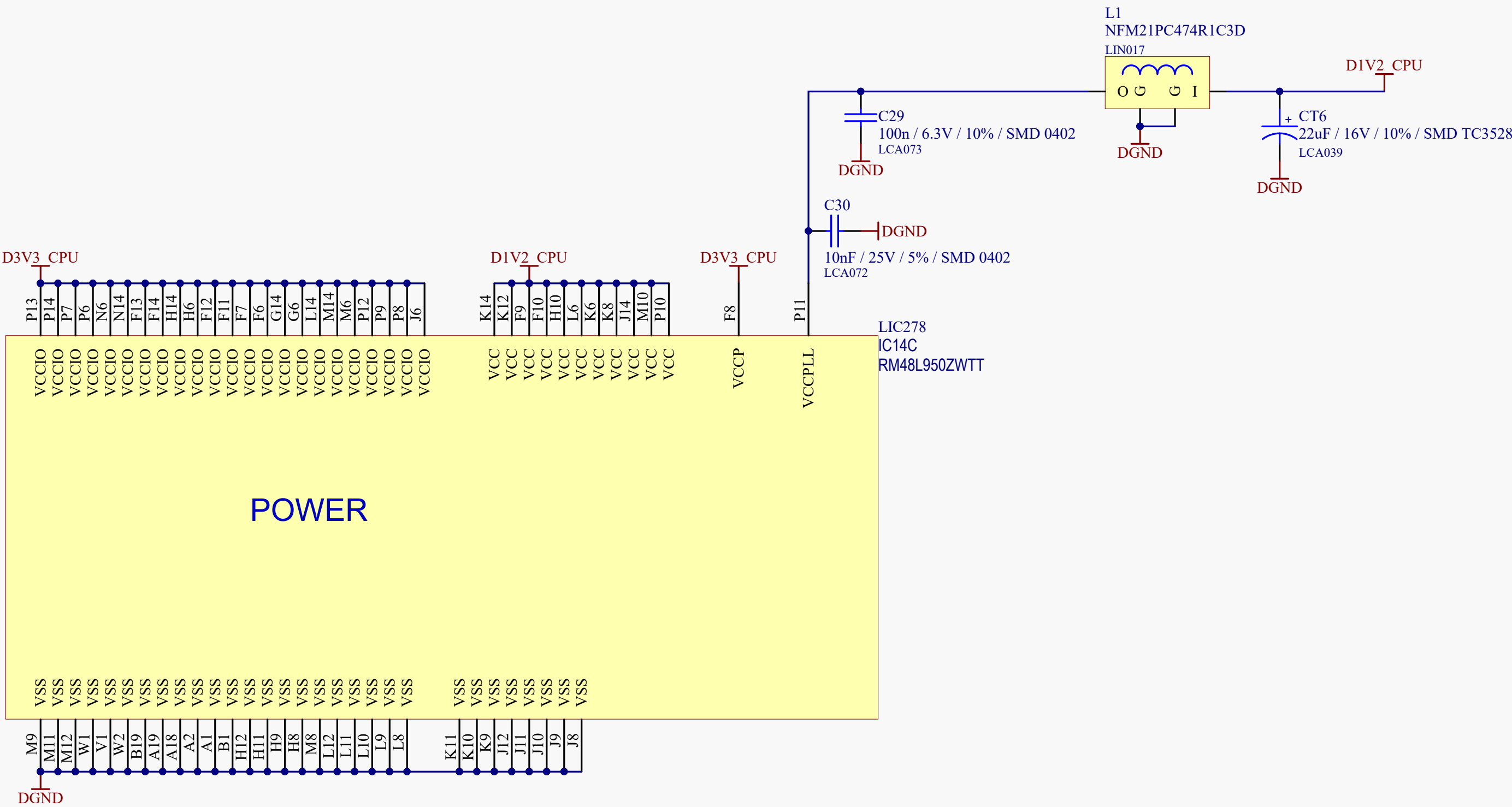
Scale


N.T.S

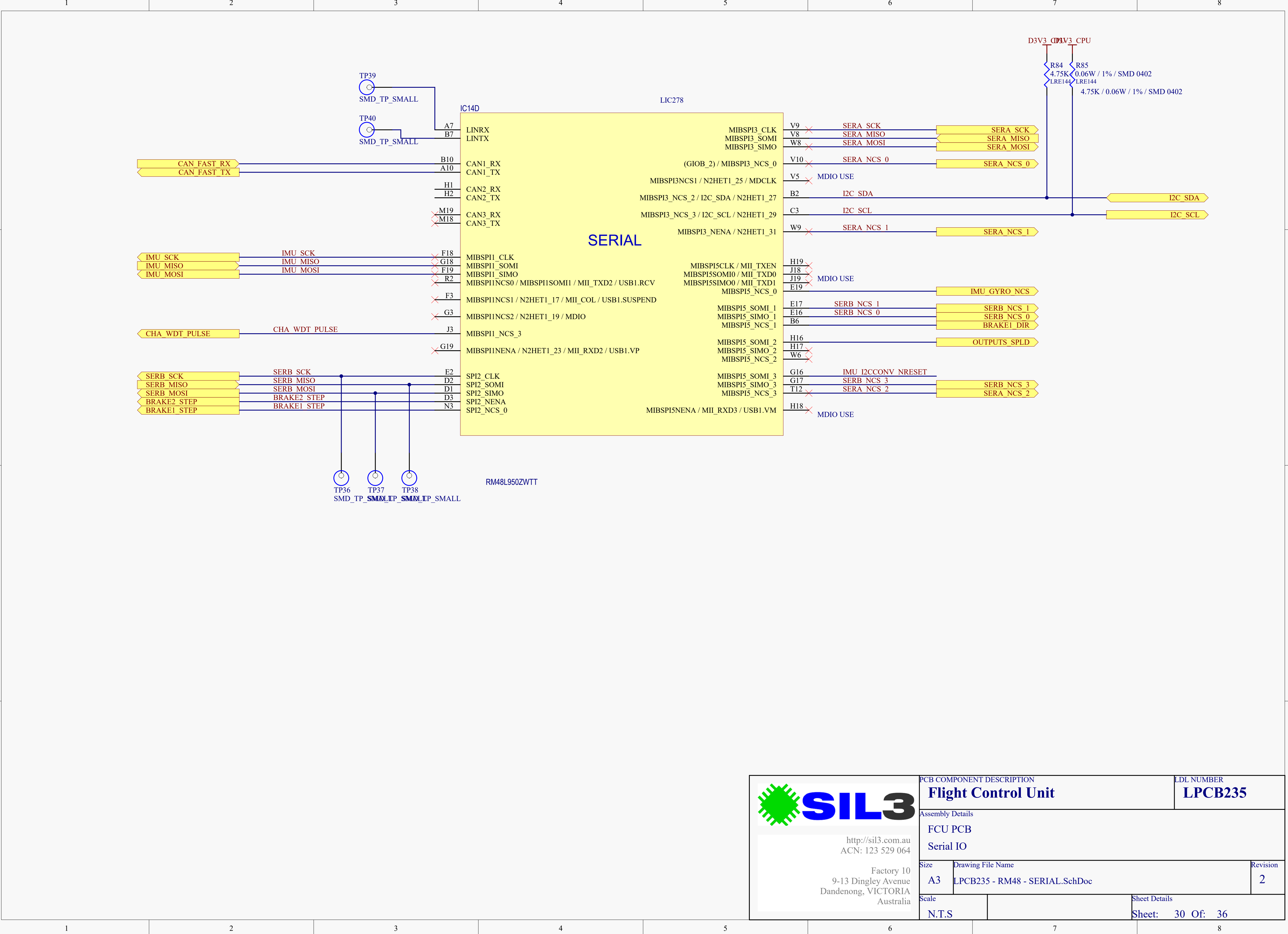
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Sheet: 28 Of: 36

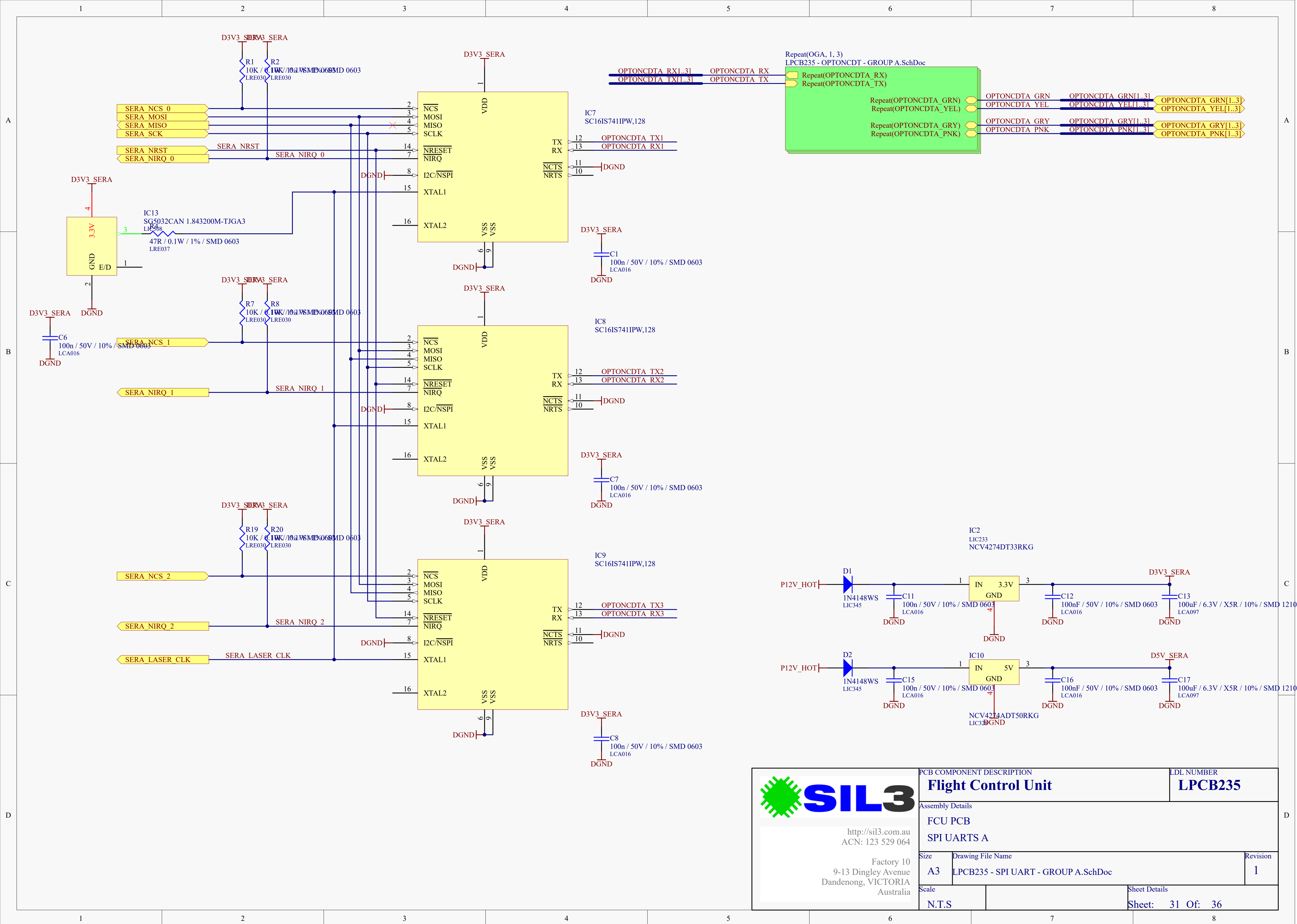


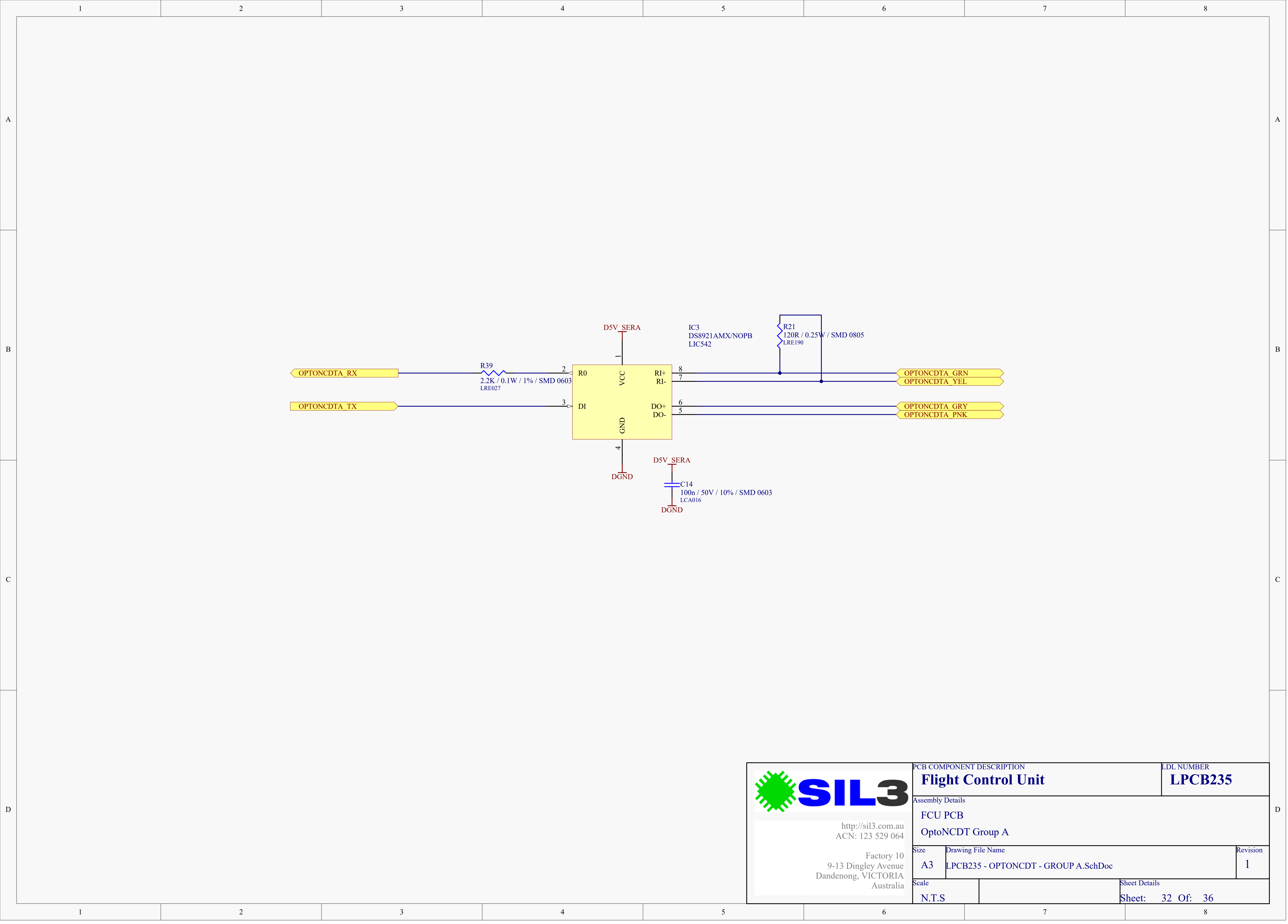


 <a href="http://sil3.com.au">http://sil3.com.au</a> ACN: 123 529 064 Factory 10 9-13 Dingley Avenue Dandenong, VICTORIA Australia		PCB COMPONENT DESCRIPTION <b>Flight Control Unit</b>		LDL NUMBER <b>LPCB235</b>
		Assembly Details <b>FCU PCB</b> <b>Power Section</b>		
Size <b>A3</b>	Drawing File Name LPCB235 - RM48 - POWER.SchDoc			Revision <b>2</b>
Scale <b>N.T.S</b>		Sheet Details <b>Sheet: 29 Of: 36</b>		



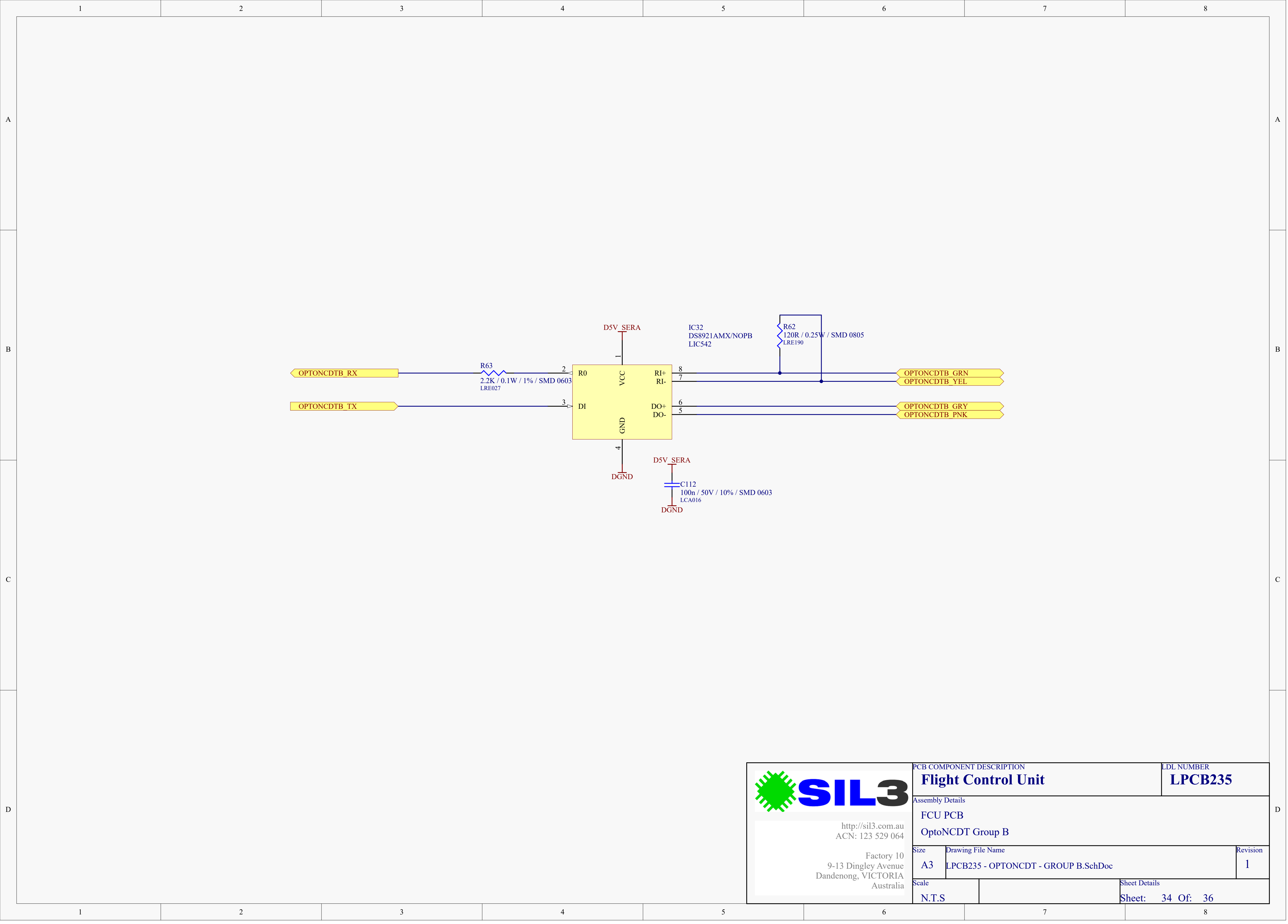
  <div><a href="http://sil3.com.au">http://sil3.com.au</a> ACN: 123 529 064</div> <div>Factory 10 9-13 Dingley Avenue Dandenong, VICTORIA Australia</div>	PCB COMPONENT DESCRIPTION		LDL NUMBER	
	Flight Control Unit		LPCB235	
	Assembly Details			
	FCU PCB			
	Serial IO			
	Size	Drawing File Name		Revision
A3	LPCB235 - RM48 - SERIAL.SchDoc		2	
Scale		Sheet Details		
N.T.S		Sheet: 30 Of: 36		










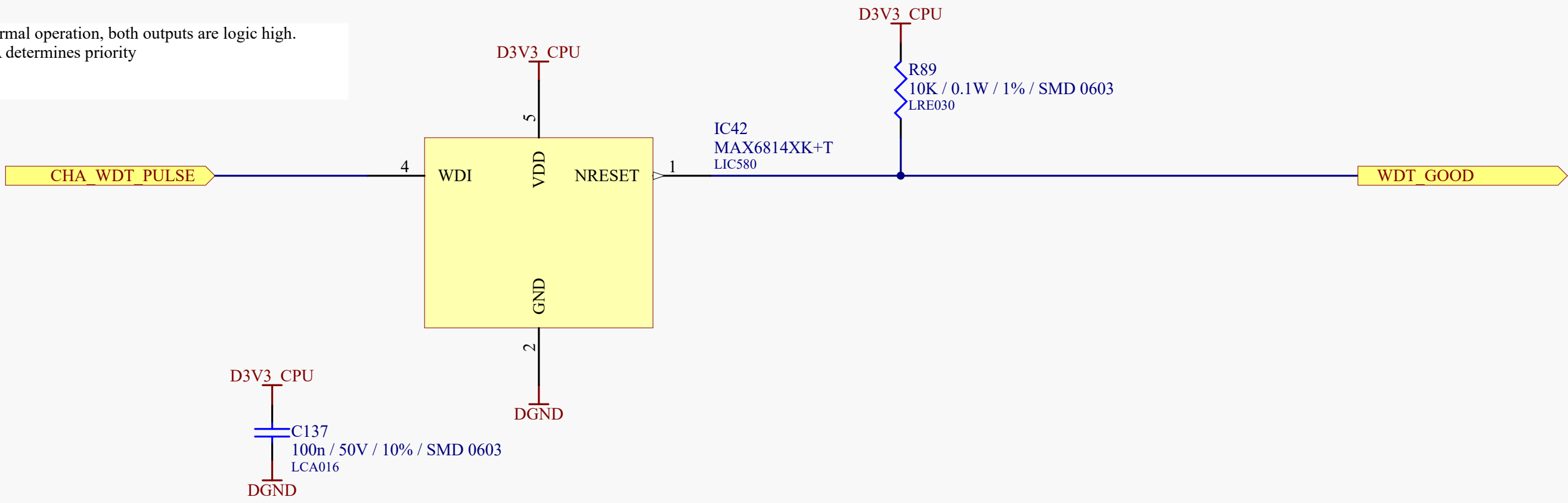



 <div>http://sil3.com.au ACN: 123 529 064  Factory 10 9-13 Dingley Avenue Dandenong, VICTORIA Australia</div>	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB		
	OptoNCDT Group B		
Size	Drawing File Name		Revision
A3	LPCB235 - OPTONCDT - GROUP B.SchDoc		1
Scale		Sheet Details	
N.T.S		Sheet: 34 Of: 36	





During normal operation, both outputs are logic high.  
Channel A determines priority



  <div>http://sil3.com.au ACN: 123 529 064</div> <div>Factory 10 9-13 Dingley Avenue Dandenong, VICTORIA Australia</div>	PCB COMPONENT DESCRIPTION		LDL NUMBER
	Flight Control Unit		LPCB235
	Assembly Details		
	FCU PCB Watchdog		
	Size	Drawing File Name	Revision
A3	LPCB235 - WATCHDOG.SchDoc	1	
Scale		Sheet Details	
N.T.S		Sheet: 36 Of: 36	