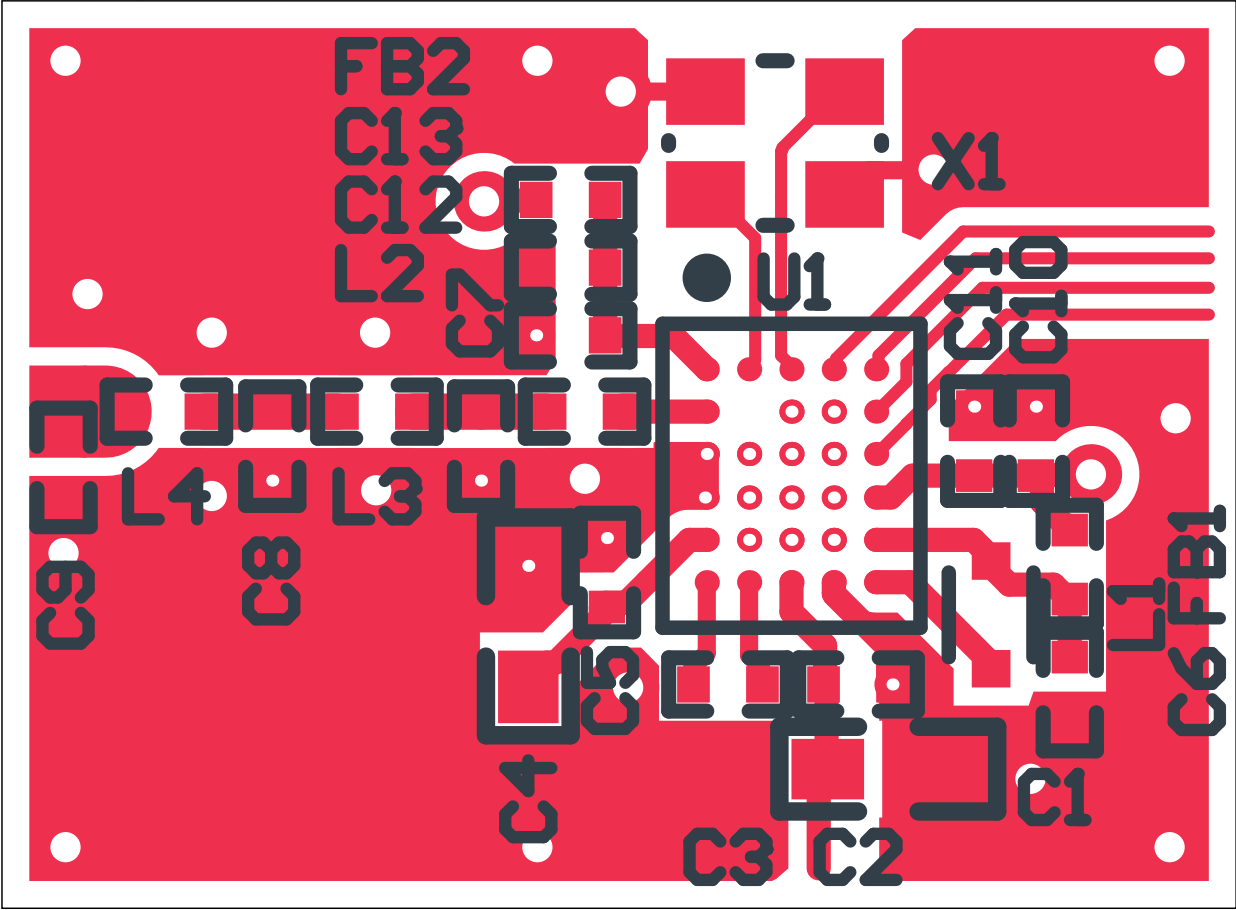


Top Layer (Scale 16:1)



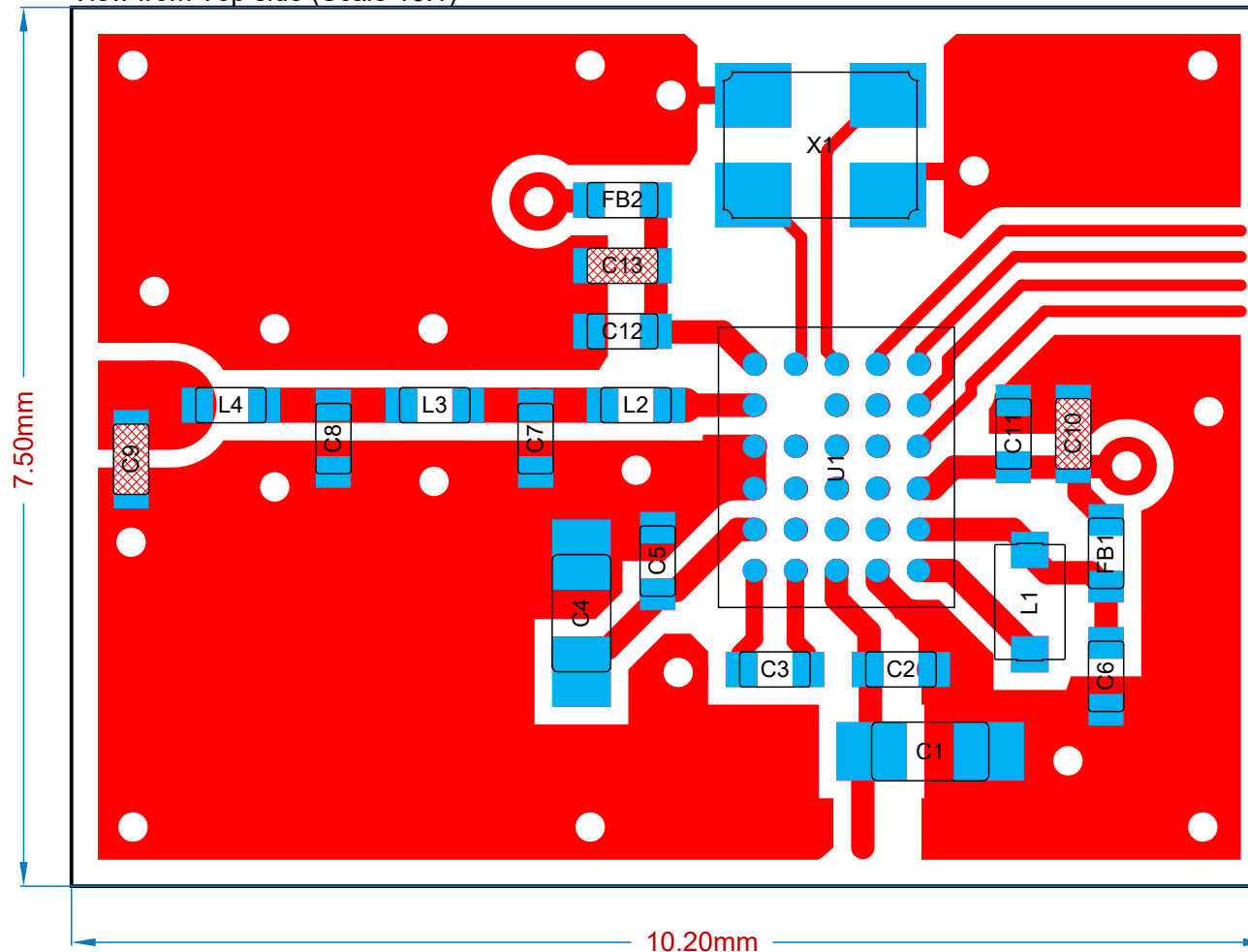
Note:
Due to on-chip magnetic interference, there must be no copper on the PCB top layer
between pins B1, C1 and A1.

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Title			
VDDL:nRF supplied by 1.5 V battery, Enabled DC/DC, 6-Layer PCB			
Size:	A4	Config. No.:	1
Device:	nRF54LV10A-CAAA		
Revision:	0.6		
Date:	20.11.2025		
Sheet:	1 of 11		
File:	nRF54LV10A_caaa_config1.PCBDwf		
Drawn By:	DABA		
Classification:	Public		

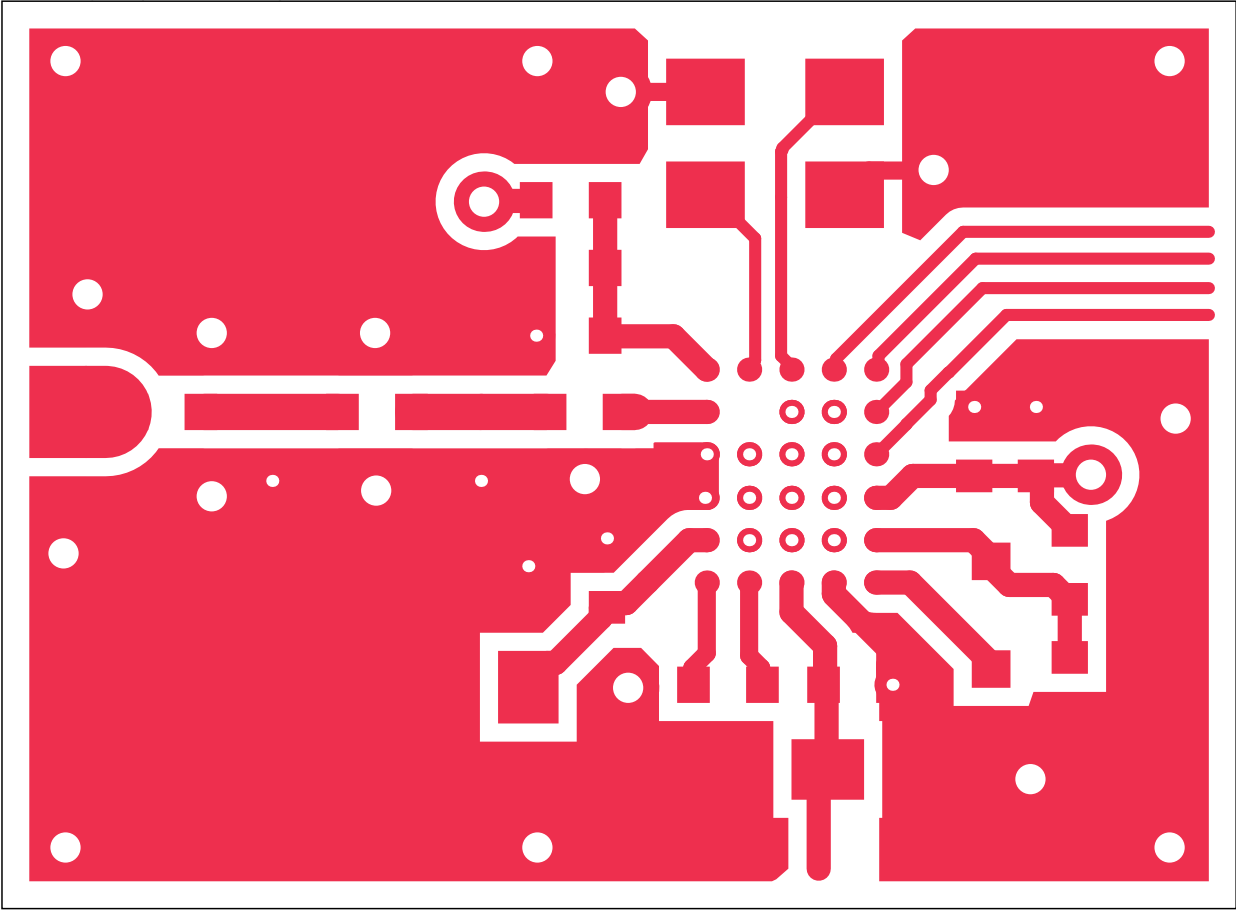


View from Top side (Scale 16:1)



Title VDDL:nRF supplied by 1.5 V battery, Enabled DC/DC, 6-Layer PCB			
Size: A4	Config. No.: 1	Device: nRF54LV10A-CAAA	Revision: 0.6
Date: 20.11.2025			Sheet 2 of 11
File: nRF54LV10A_caaa_config1.PCBDwf			Drawn By: DABA
Classification: Public			

Top Layer (Scale 16:1)



Title			
VDDL:nRF supplied by 1.5 V battery, Enabled DC/DC, 6-Layer PCB			
Size:	A4	Config. No.:	1
Date:	20.11.2025	Device:	nRF54LV10A-CAAA
File:	nRF54LV10A_caaa_config1.PCBDwf	Revision:	0.6
Classification:	Public	Sheet	3 of 11
		Drawn By:	DABA



A

B

C

D

E

F

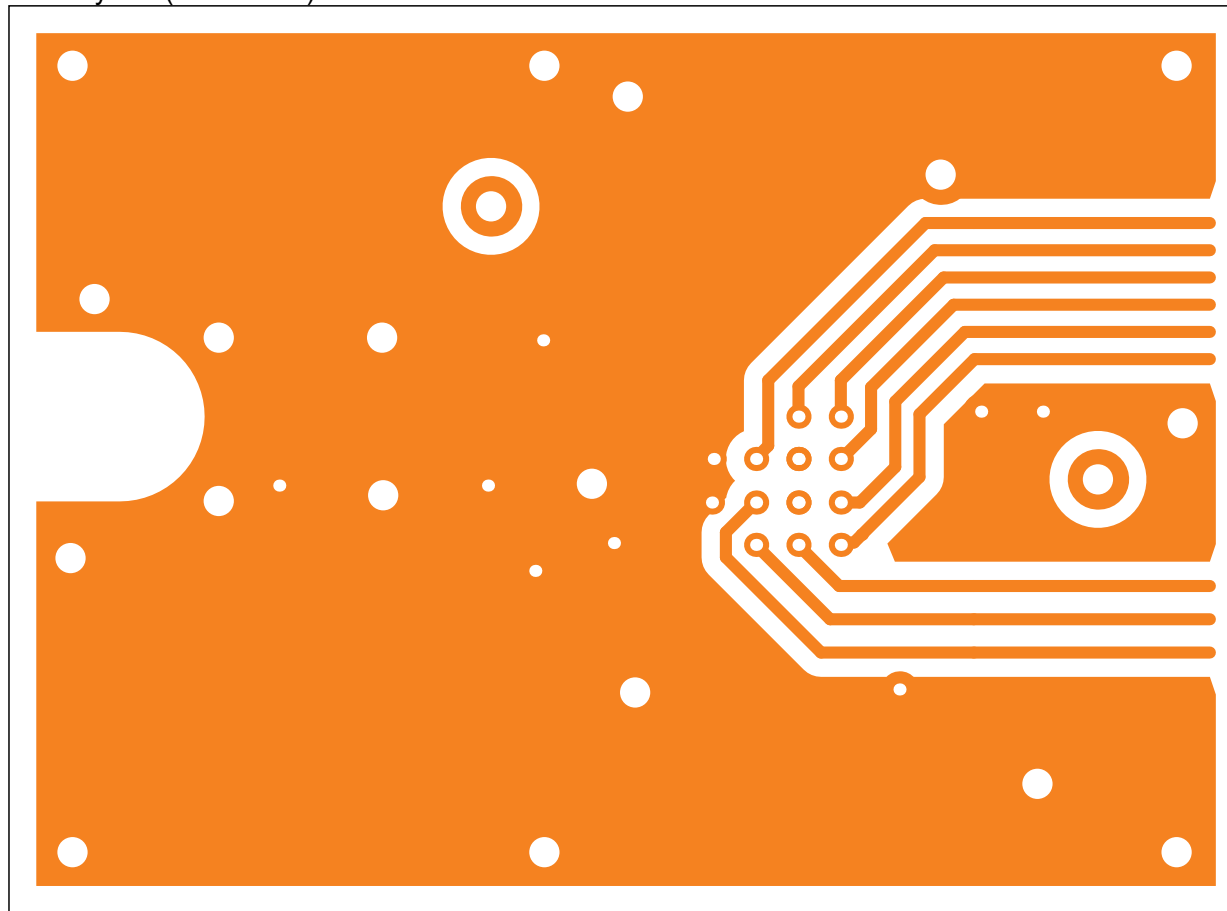
1

2

3

4

Mid-Layer 1 (Scale 16:1)



1

2

3

4

Title			
VDDL:nRF supplied by 1.5 V battery, Enabled DC/DC, 6-Layer PCB			
Size: A4	Config. No.: 1	Device: nRF54LV10A-CAAA	Revision: 0.6
Date: 20.11.2025			Sheet 4 of 11
File: nRF54LV10A_caaa_config1.PCBDwf			Drawn By: DABA
Classification: Public			



A

B

C

D

E

F

A

B

C

D

E

F

1

1

2

2

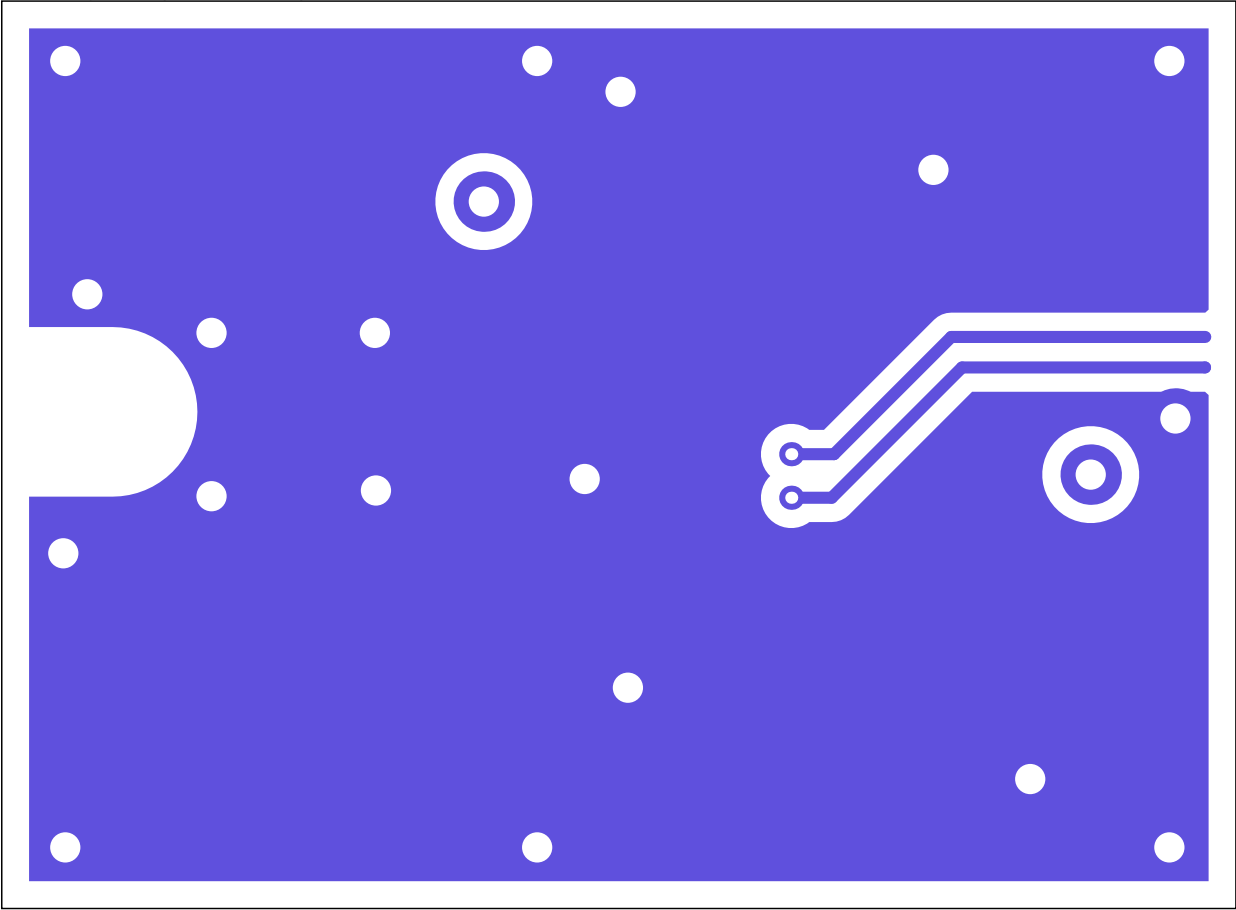
3


3

4

4

Mid-Layer 2 (Scale 16:1)



Title				
VDDL:nRF supplied by 1.5 V battery, Enabled DC/DC, 6-Layer PCB				
Size:	A4	Config. No.:	1	
Date:	20.11.2025	Device:	nRF54LV10A-CAAA	
File:	nRF54LV10A_caaa_config1.PCBDwf	Revision:	0.6	
Classification:	Public	Sheet	5 of 11	
		Drawn By:	DABA	

A

B

C

D

E

F

A

B

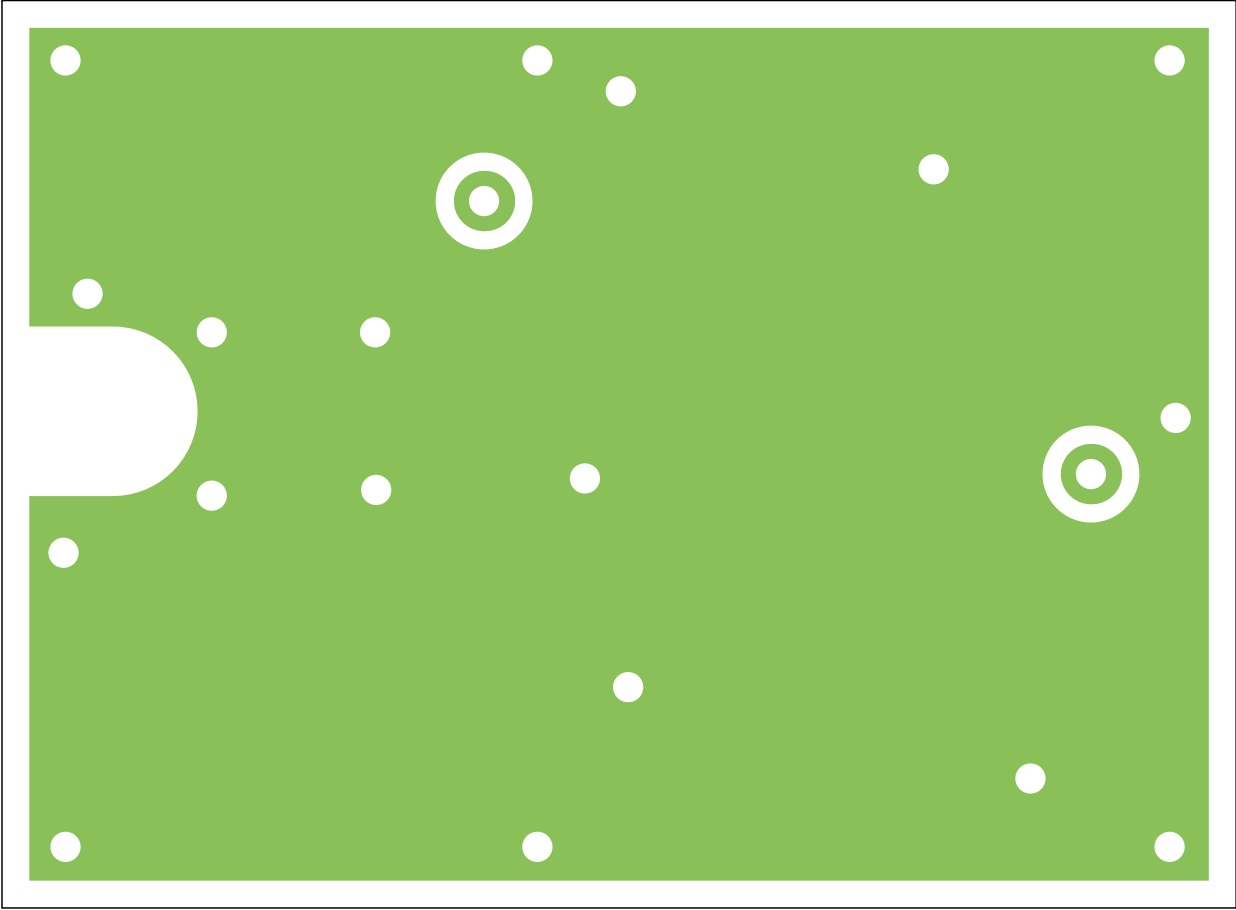
C

D

E

F

Mid-Layer 3 (Scale 16:1)



Title			
VDDL:nRF supplied by 1.5 V battery, Enabled DC/DC, 6-Layer PCB			
Size:	A4	Config. No.:	1
Date:	20.11.2025	Device:	nRF54LV10A-CAAA
File:	nRF54LV10A_caaa_config1.PCBDwf	Revision:	0.6
Classification:	Public	Sheet:	6 of 11
		Drawn By:	DABA



A

B

C

D

E

F

A

B

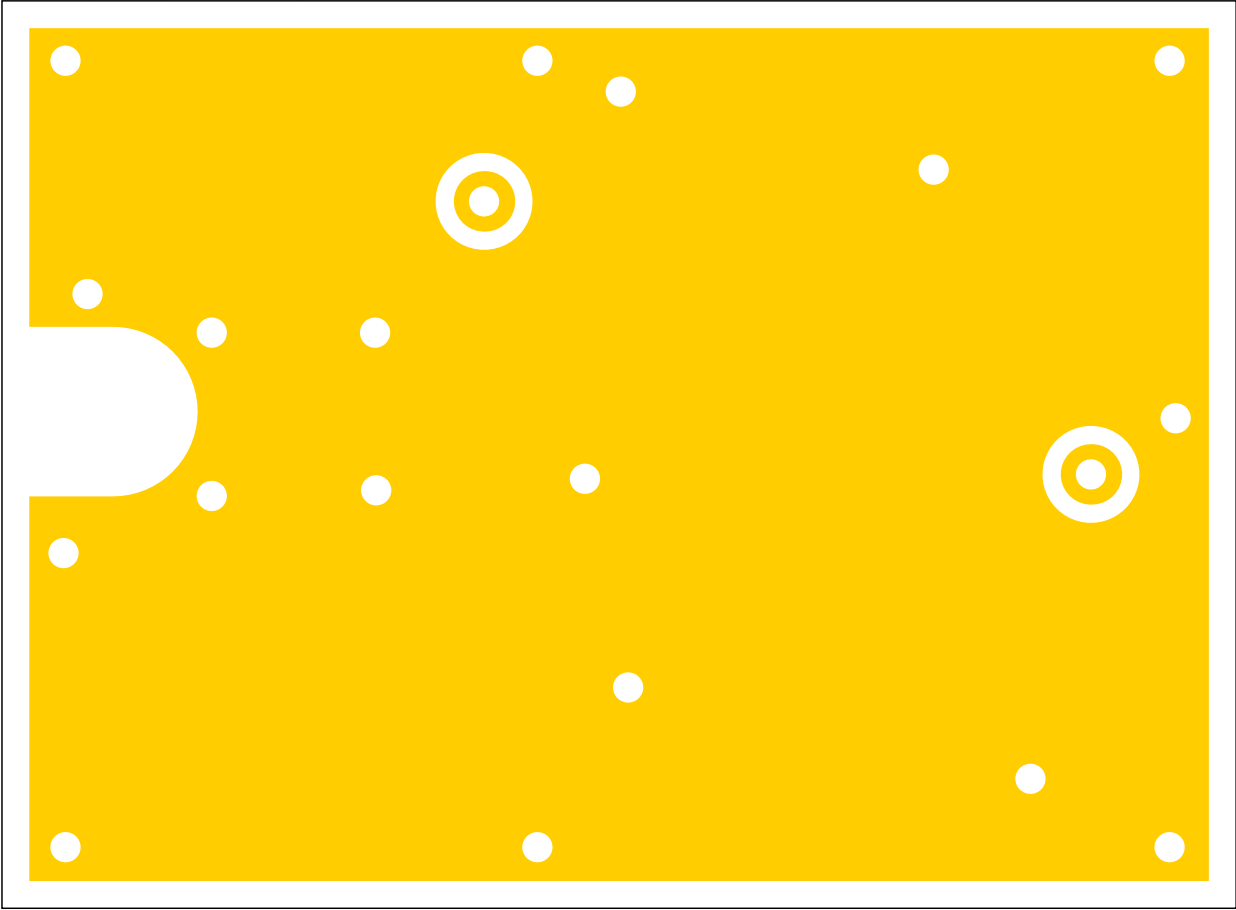
C

D

E

F

Mid-Layer 4 (Scale 16:1)



Title			
VDDL:nRF supplied by 1.5 V battery, Enabled DC/DC, 6-Layer PCB			
Size:	A4	Config. No.:	1
Date:	20.11.2025	Device:	nRF54LV10A-CAAA
File:	nRF54LV10A_caaa_config1.PCBDwf	Revision:	0.6
Classification:	Public	Sheet	7 of 11
		Drawn By:	DABA



A

B

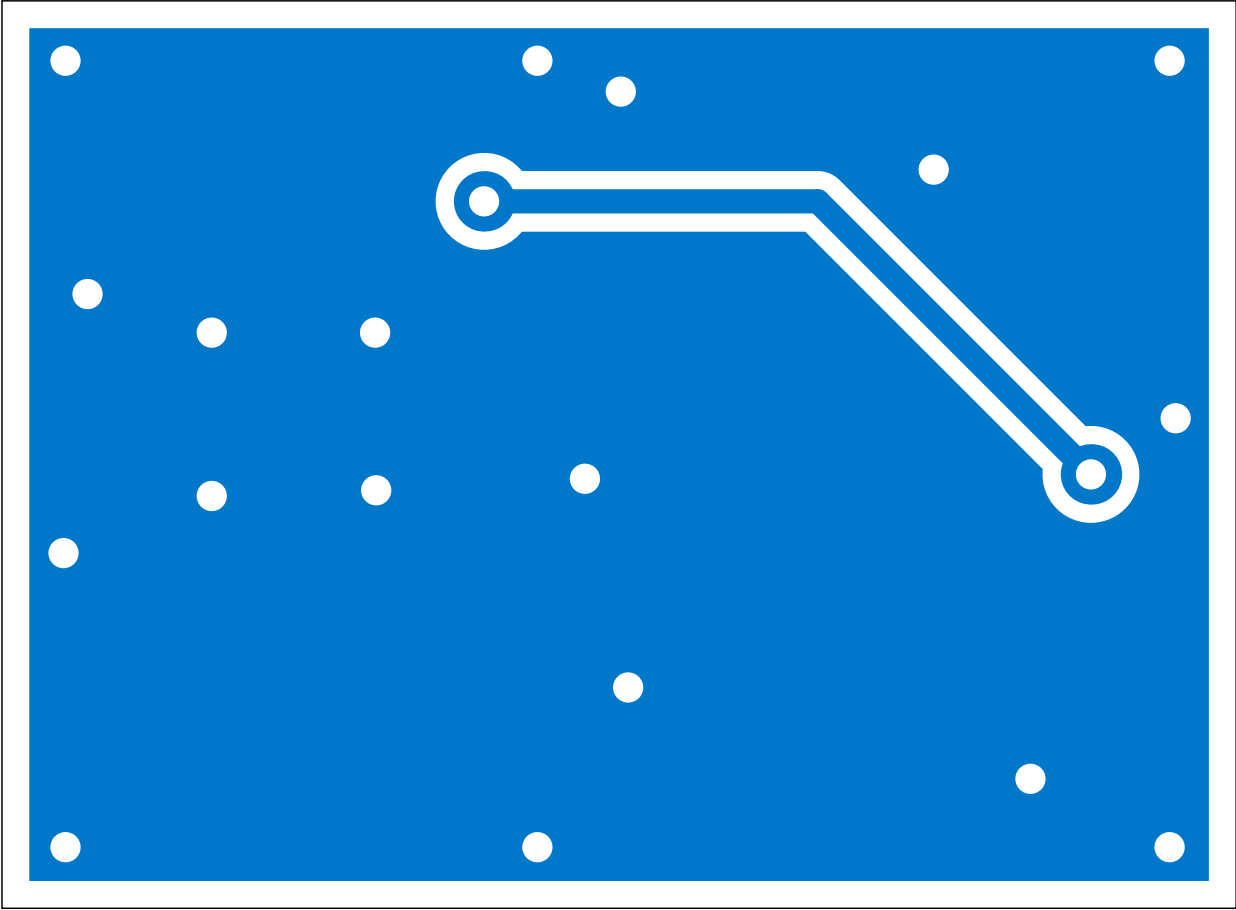
C

D

E

F

Bottom Layer (Scale 16:1)



Title			
VDDL:nRF supplied by 1.5 V battery, Enabled DC/DC, 6-Layer PCB			
Size: A4	Config. No.: 1	Device: nRF54LV10A-CAAA	Revision: 0.6
Date: 20.11.2025			Sheet 8 of 11
File: nRF54LV10A_aaaa_config1.PCBDwf			Drawn By: DABA
Classification: Public			



Layer Stack Legend

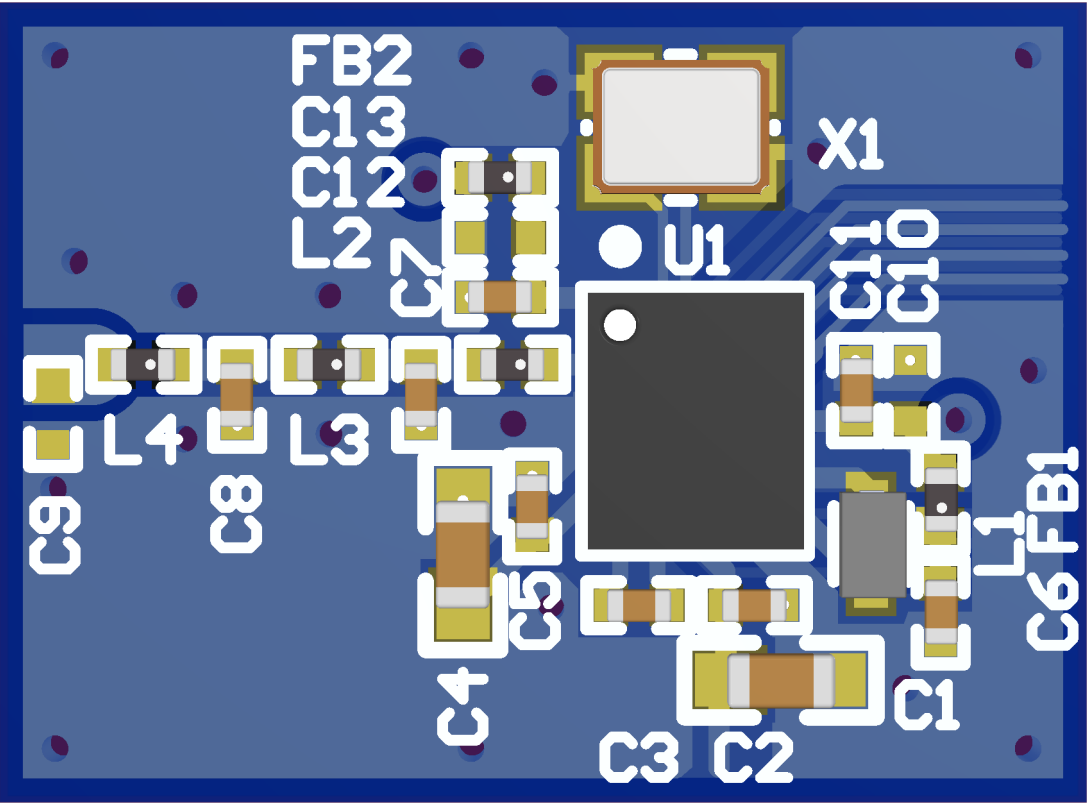
Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.03mm	SM-003	Solder Mask	GTS
Copper	Top Layer	0.04mm		Signal	GTL
Prepreg		0.07mm		Dielectric	
Copper	Mid-Layer 1	0.04mm		Signal	G1
Prepreg		0.07mm	PP-006	Dielectric	
CF-004	Mid-Layer 2	0.04mm		Signal	G2
Core		1.10mm		Dielectric	
CF-004	Mid-Layer 3	0.04mm		Signal	G3
Prepreg		0.07mm	PP-006	Dielectric	
Copper	Mid-Layer 4	0.04mm		Signal	G4
Prepreg		0.07mm		Dielectric	
Copper	Bottom Layer	0.04mm		Signal	GBL
Surface Material	Board Layer Stack Bottom Solder	0.03mm	SM-003	Solder Mask	GBS
	Board Layer Stack Bottom Overlay			Legend	GBO

Total thickness: 1.64mm

Title VDDL:nRF supplied by 1.5 V battery, Enabled DC/DC, 6-Layer PCB			
Size: A4	Config. No.: 1	Device: nRF54LV10A-CAAA	Revision: 0.6
Date: 20.11.2025			Sheet 9 of 11
File: nRF54LV10A_caaa_config1.PCBDwf			Drawn By: DABA
Classification: Public			



Realistic View



Title			
VDDL:nRF supplied by 1.5 V battery, Enabled DC/DC, 6-Layer PCB			
Size: A4	Config. No.: 1	Device: nRF54LV10A-CAAA	Revision: 0.6
Date: 20.11.2025			Sheet 10 of 11
File: nRF54LV10A_caaa_config1.PCBDwf			Drawn By: DABA
Classification: Public			



