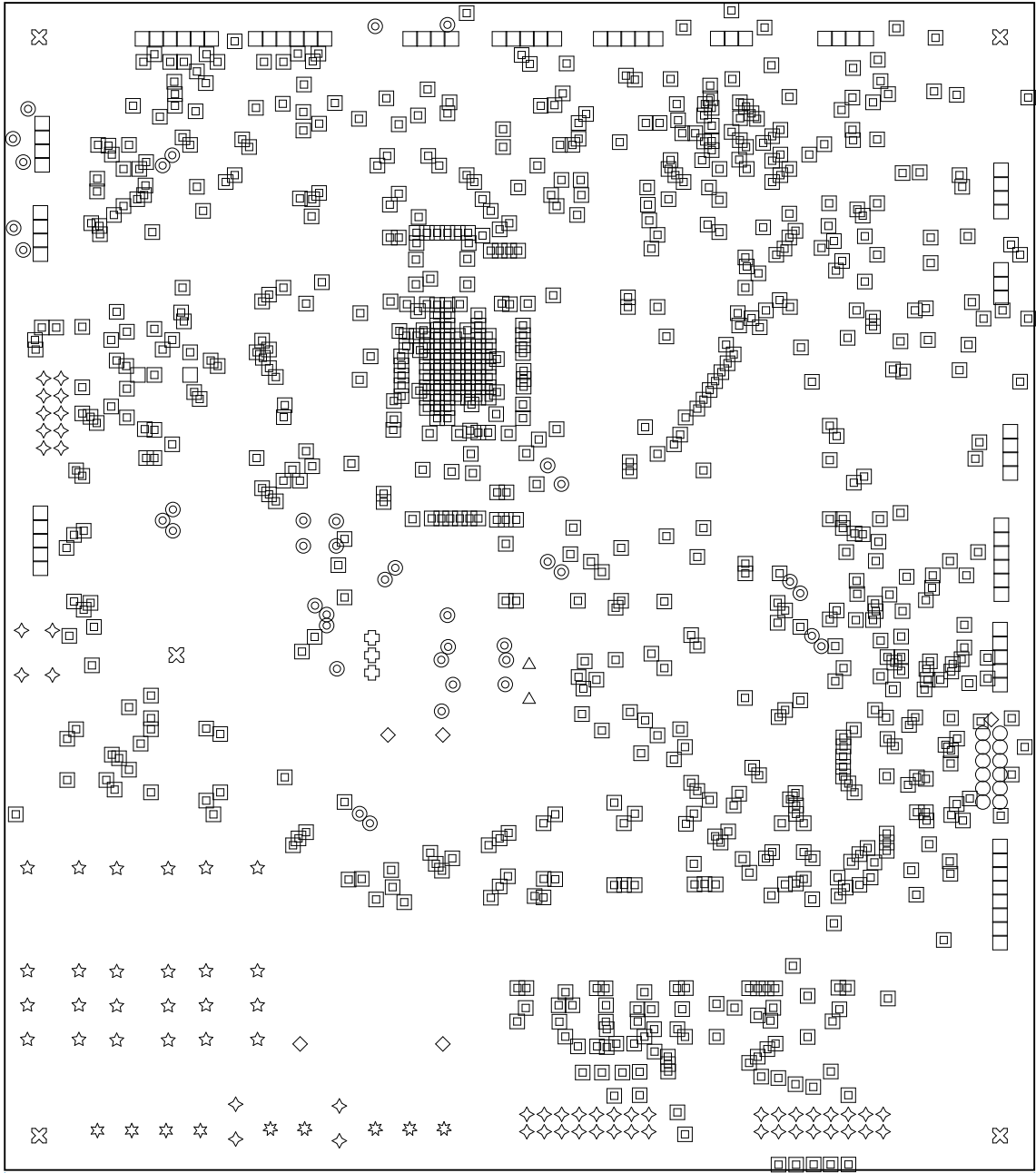


Drill Drawing View (Scale 1:1)



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
⊞	792	0.5mm	Plated	None
⊙	40	0.7mm	Plated	None
○	12	0.8mm	Plated	None
⊞	78	0.81mm	Plated	None
◇	50	1mm	Plated	None
⊞	3	1.1mm	Plated	None
☆	24	1.3mm	Plated	None
◇	5	1.5mm	Plated	None
△	2	1.52mm	Plated	None
☆	5	1.7mm	Plated	None
☆	4	1.8mm	Plated	None
⊞	5	4mm	Plated	None
1020 Total				

Fabrication file description	
Object	File name or format
Top copper:	.GTL
Top solder:	.GTS
Top overlay:	.GTO
Bottom couper:	.GBL
Bottom solder:	.GBS
Bottom overlay:	.GBO
Board outline:	.GM1
Plated holes:	.txt
No plated holes:	.txt

Design information		
Board size:	170 mm	X 150 mm
Number of layers:	2	
Min. track width:	0.2 mm	
Min. clearance:	0.2 mm	
Min. hole diameter:	0.4 mm	
Min. annular ring:	0.2 mm	
Board material:	FR-4	
Board thickness:	2 mm	
Solder mask:	top, bottom	
Solder mask color:	green	
Silk screen:	top, bottom	
Silk screen color:	white	
Surface finish:	HASL with lead	
Couper thickness (finished):	35 um	
Array/Panel:	cut and trim per .GM1 layer	
Bare board elec. test:	yes	

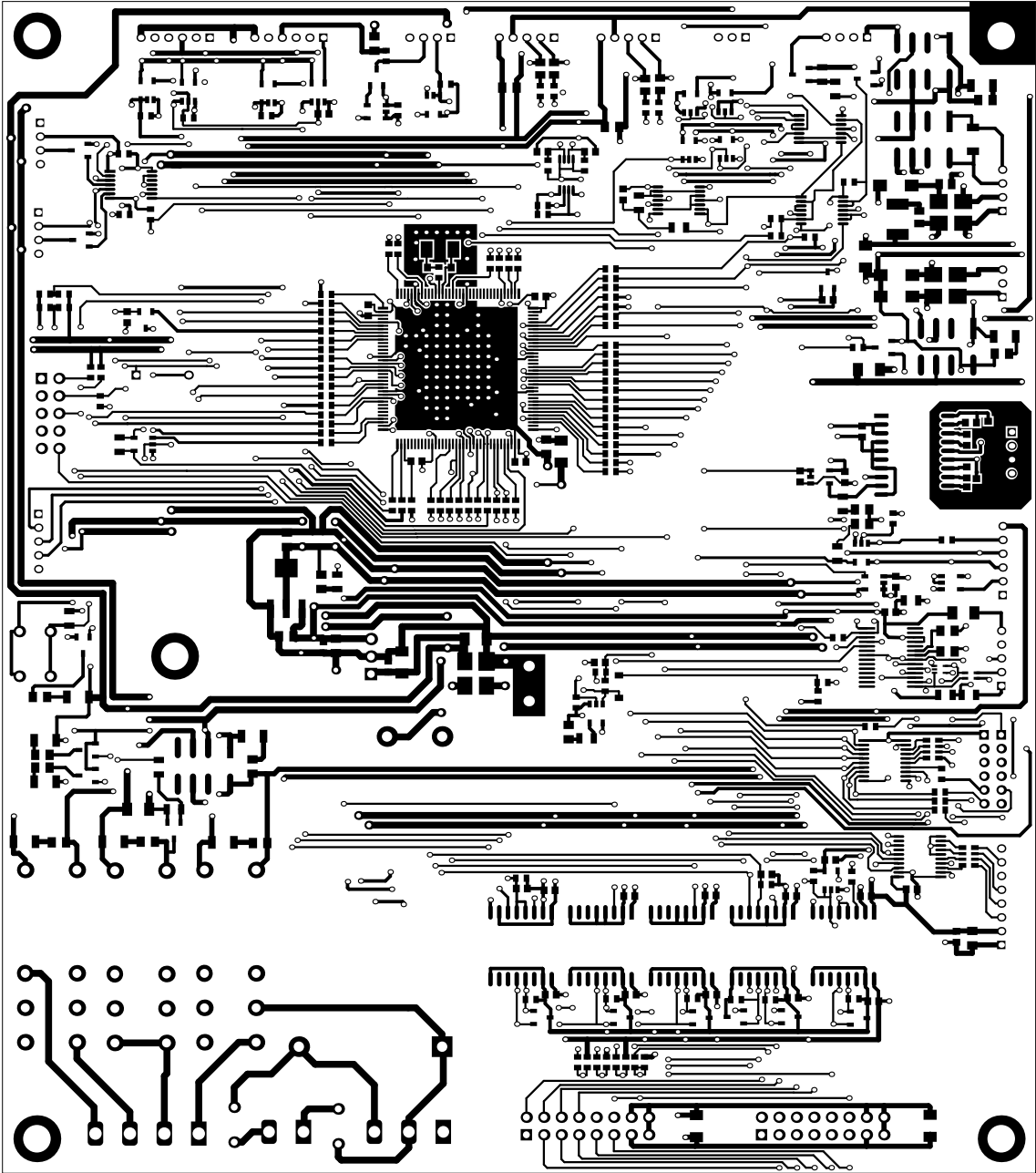
Acceptability:
IPC-A-600 Class 2
UL94 Class V-0

Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
	Surface Material	0.01mm (0.4mil)	Solder Resist	Solder Mask	GTS
Copper	Top	0.036mm (1.4mil)		Signal	GTL
		1.5mm (59.1mil)	FR-4	Dielectric	
Copper	Bottom	0.036mm (1.4mil)		Signal	GBL
	Bottom Solder	0.01mm (0.4mil)	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 1.591mm (62.7mil)					

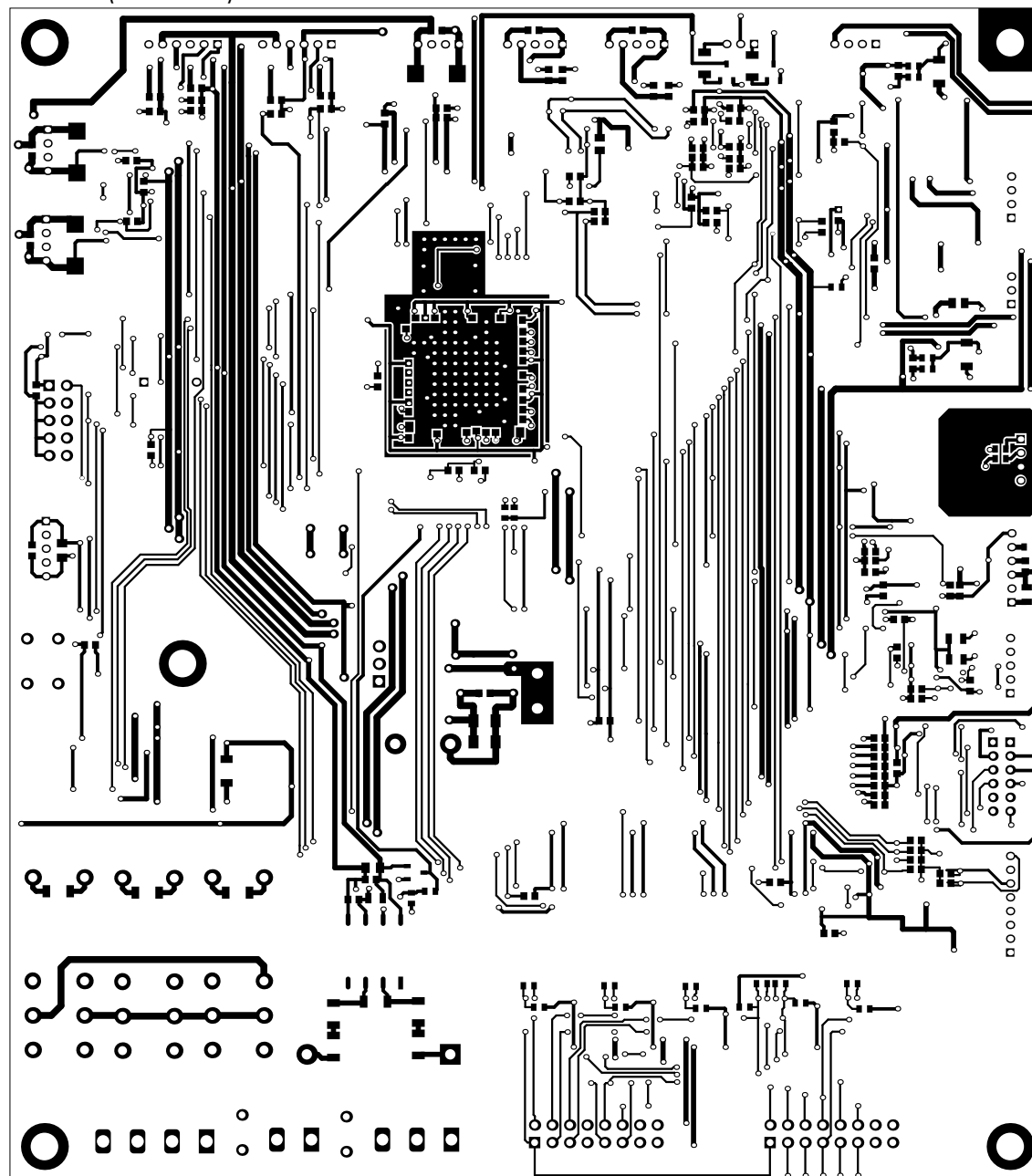
UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS						DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
							Oltest	
	NAME	SIGNATURE	DATA				TITLE:  R100 ControlVR	
DRAW	Bondarchuk S.							
CHK'D	Bondarchuk S.							
APP'VD	Ornatskiy							
MFG							AMAK:  R100.230.030.001-00	
QA								
						WEIGHT:	SCALE 1:1	SHEET 1 OF 7

Top (Scale 1:1)



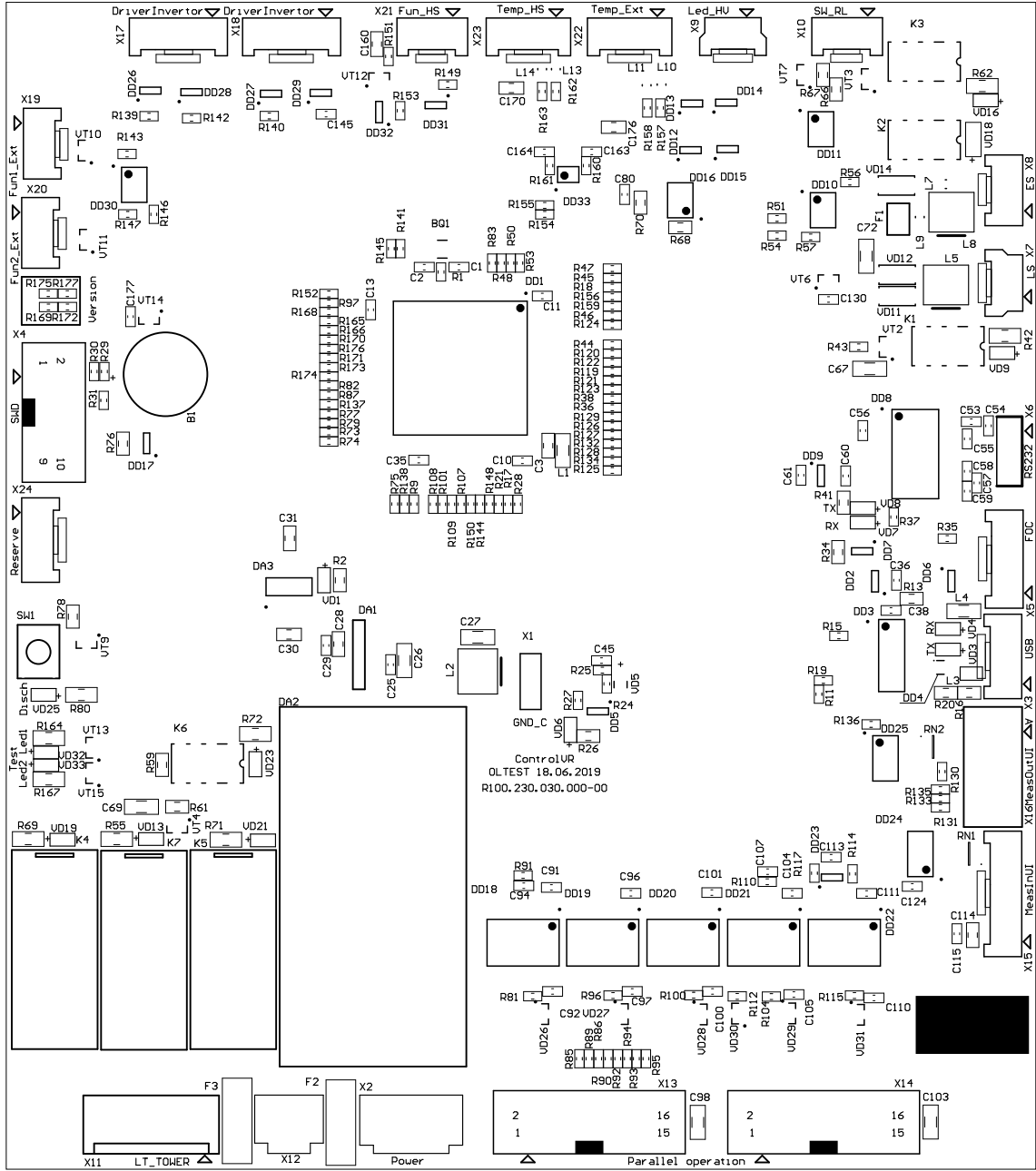
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							Oitest				
	NAME	SIGNATURE	DATA				TITLE:  R100 ControlVR				
DRAW	Bondarchuk S.										
CHK'D	Bondarchuk S.										
APPV'D	Ornatskiy										
MFG							AMAK:  R100.230.030.001-00				
QA											
				WEIGHT:			SCALE 1:1		SHEET 2 OF 7		

Bottom (Scale 1:1)



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS						DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING		REVISION		
							Oltest				
	NAME	SIGNATURE	DATA				TITLE:  R100 ControlVR				
DRAW	Bondarchuk S.										
CHK'D	Bondarchuk S.										
APPV'D	Ornatskiy										
MFG											
QA							AMAK:  R100.230.030.001-00		A3		
				WEIGHT:			SCALE 1:1		SHEET 3 OF 7		

Top Overlay (Scale 1:1)



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS						DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING		REVISION		
							Oltest				
	NAME	SIGNATURE	DATA				TITLE:  R100 ControlVR				
DRAW	Bondarchuk S.										
CHK'D	Bondarchuk S.										
APP'V'D	Ornatskiy										
MFG							AMAK:  R100.230.030.001-00				A3
QA											
				WEIGHT:			SCALE 1:1		SHEET 4 OF 7		

A3

A

B

C

D

E

F

G

H

1

2

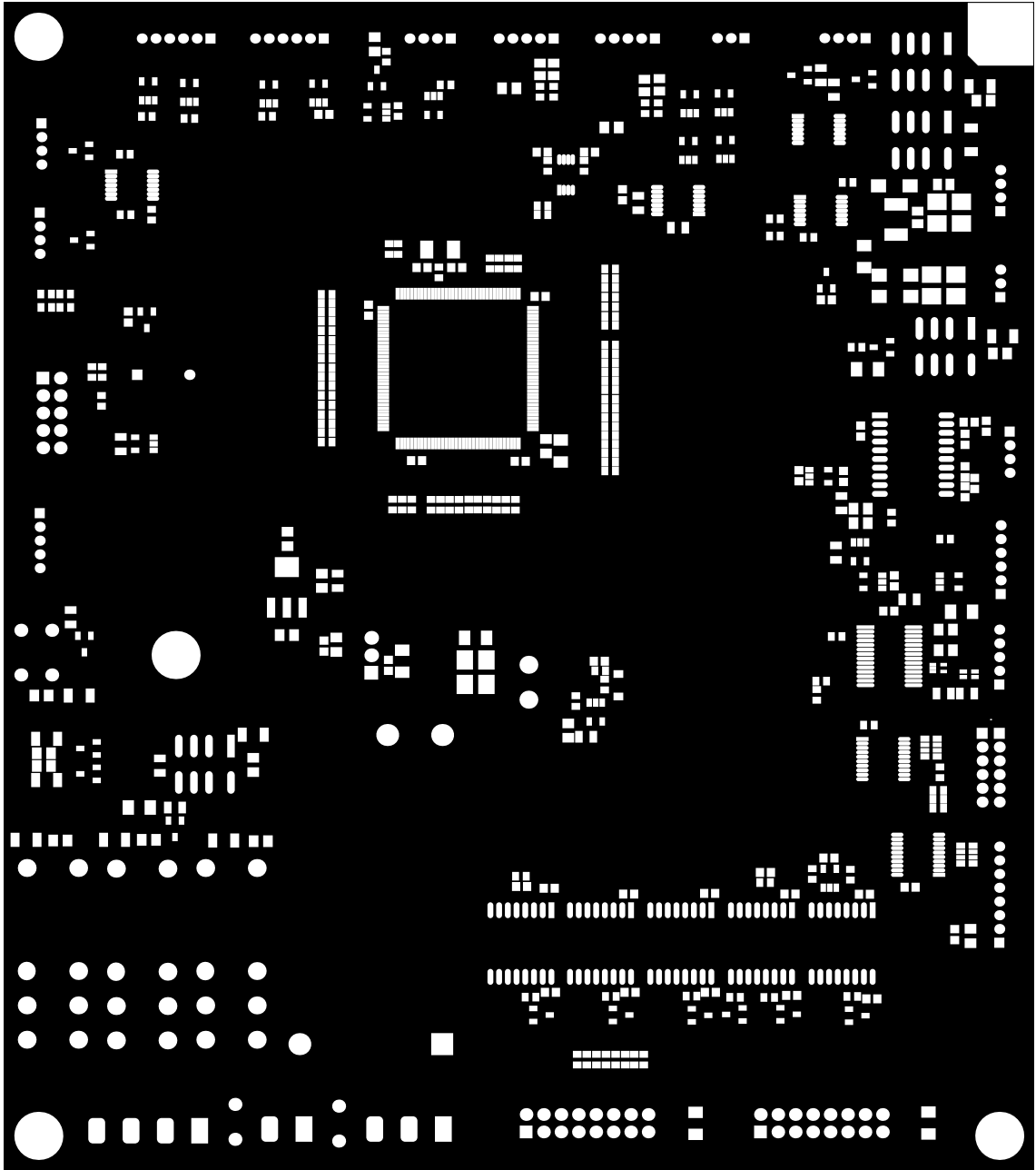
3

4

5

6

Top Solder (Scale 1:1)



1

2

3

4

5

6

UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS						DEBURR AND BREAK SHARP EDGES	DO NOT SCALE DRAWING	REVISION
							Oitest	
	NAME	SIGNATURE	DATA				TITLE:  R100 ControlVR	
DRAW	Bondarchuk S.							
CHK'D	Bondarchuk S.							
APPV'D	Ornatskiy							
MFG							AMAK:  R100.230.030.001-00	
QA								
							SCALE 1:1	
						WEIGHT:	SHEET 5 OF 7	

A

B

C

D

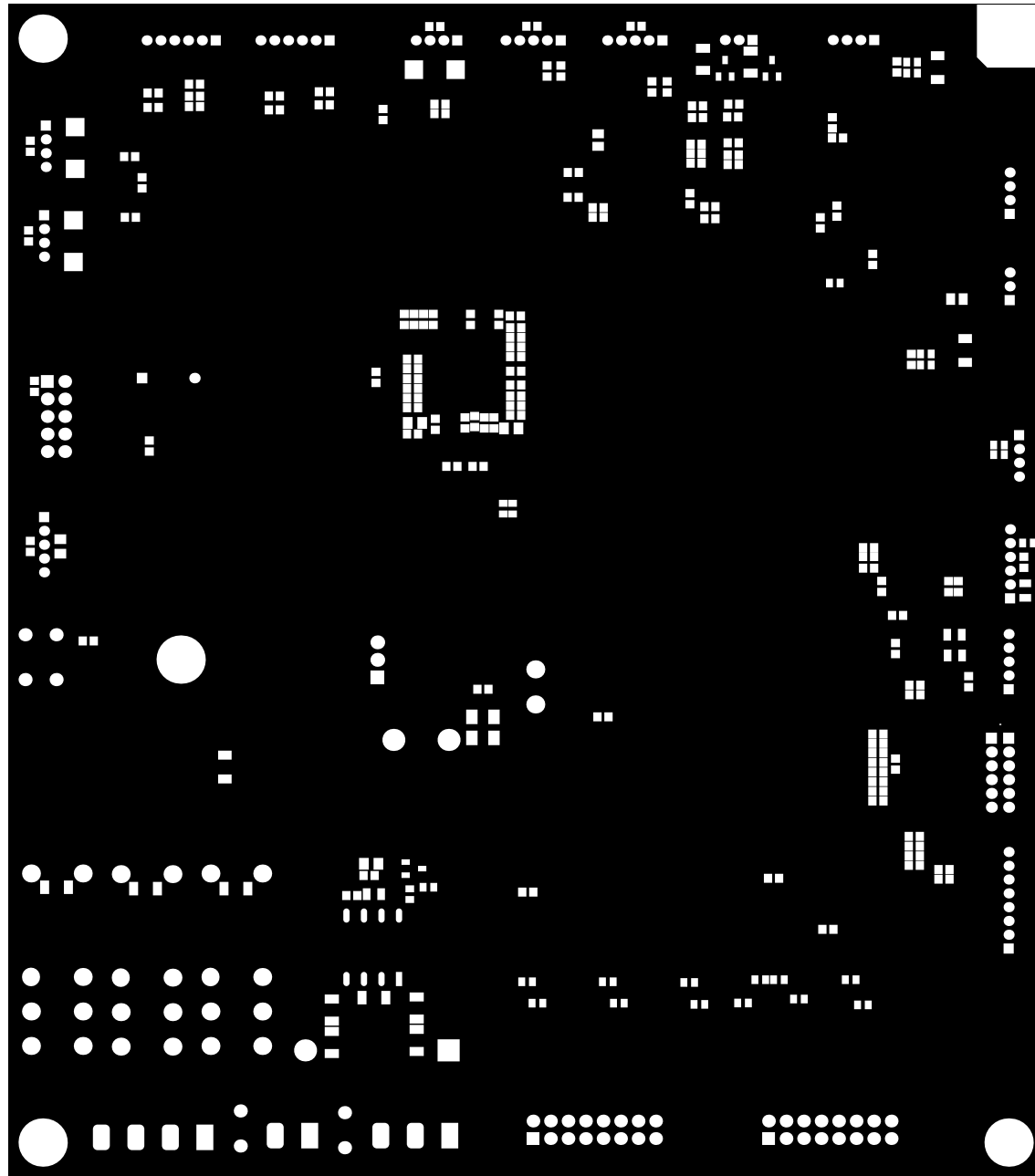
E

F

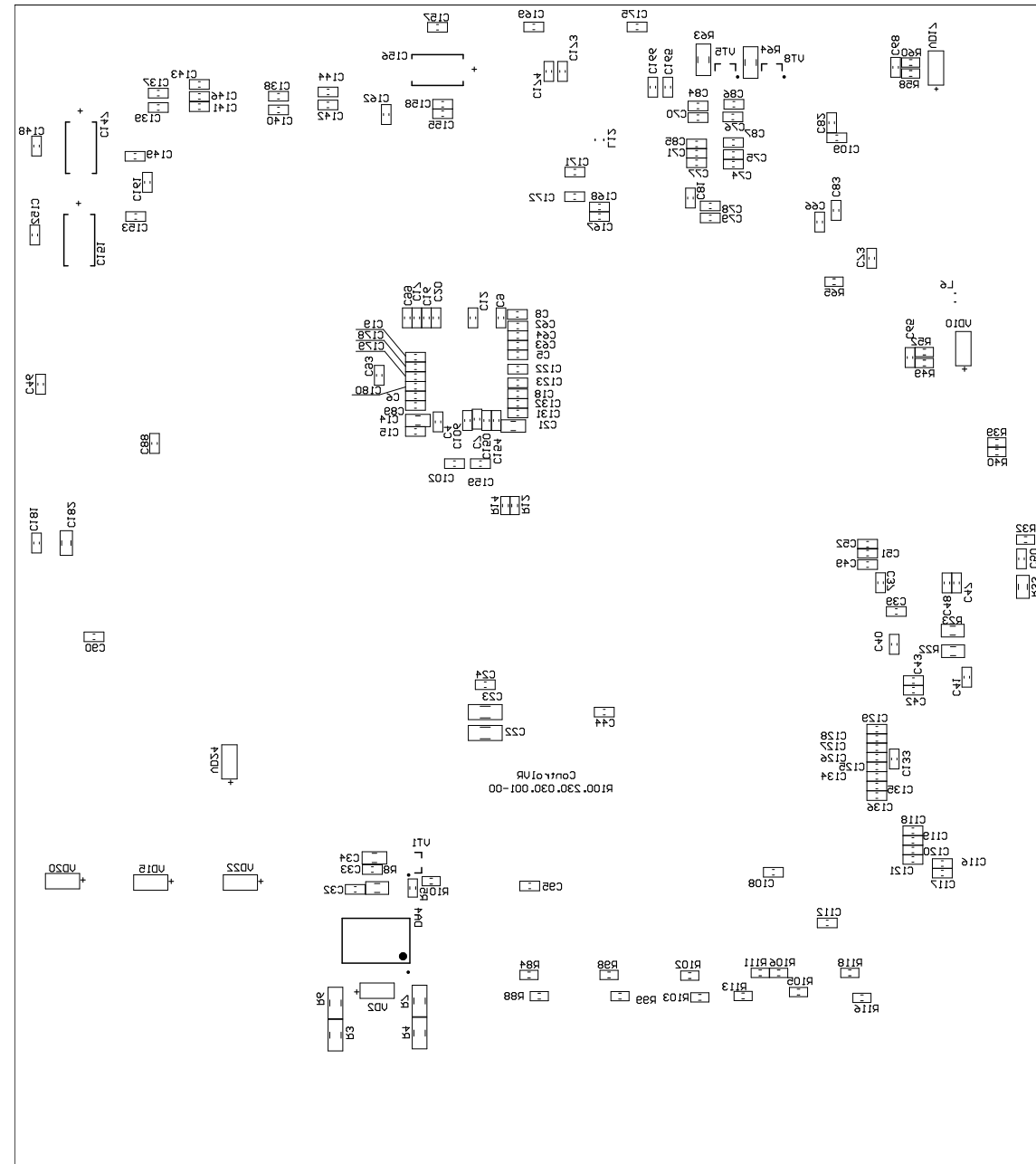
G

H

Bottom Solder (Scale 1:1)



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS							DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
									Oltest			
	NAME	SIGNATURE	DATA				TITLE:  R100 ControlVR					
DRAW	Bondarchuk S.											
CHK'D	Bondarchuk S.											
APPV'D	Ornatskiy											
MFG												
QA							AMAK:  R100.230.030.001-00				A3	
				WEIGHT:			SCALE 1:1			SHEET 6 OF 7		



UNLESS OTHERWISE SPECIFIED: DIMENSIONS ARE IN MILLIMETERS							DEBURR AND BREAK SHARP EDGES		DO NOT SCALE DRAWING		REVISION	
									Oltest			
	NAME	SIGNATURE	DATA				TITLE:  R100 ControlVR					
DRAW	Bondarchuk S.											
CHK'D	Bondarchuk S.											
APPV'D	Ornatskiy											
MFG												
QA							AMAK:  R100.230.030.001-00				A3	
				WEIGHT:			SCALE 1:1			SHEET 7 OF 7		