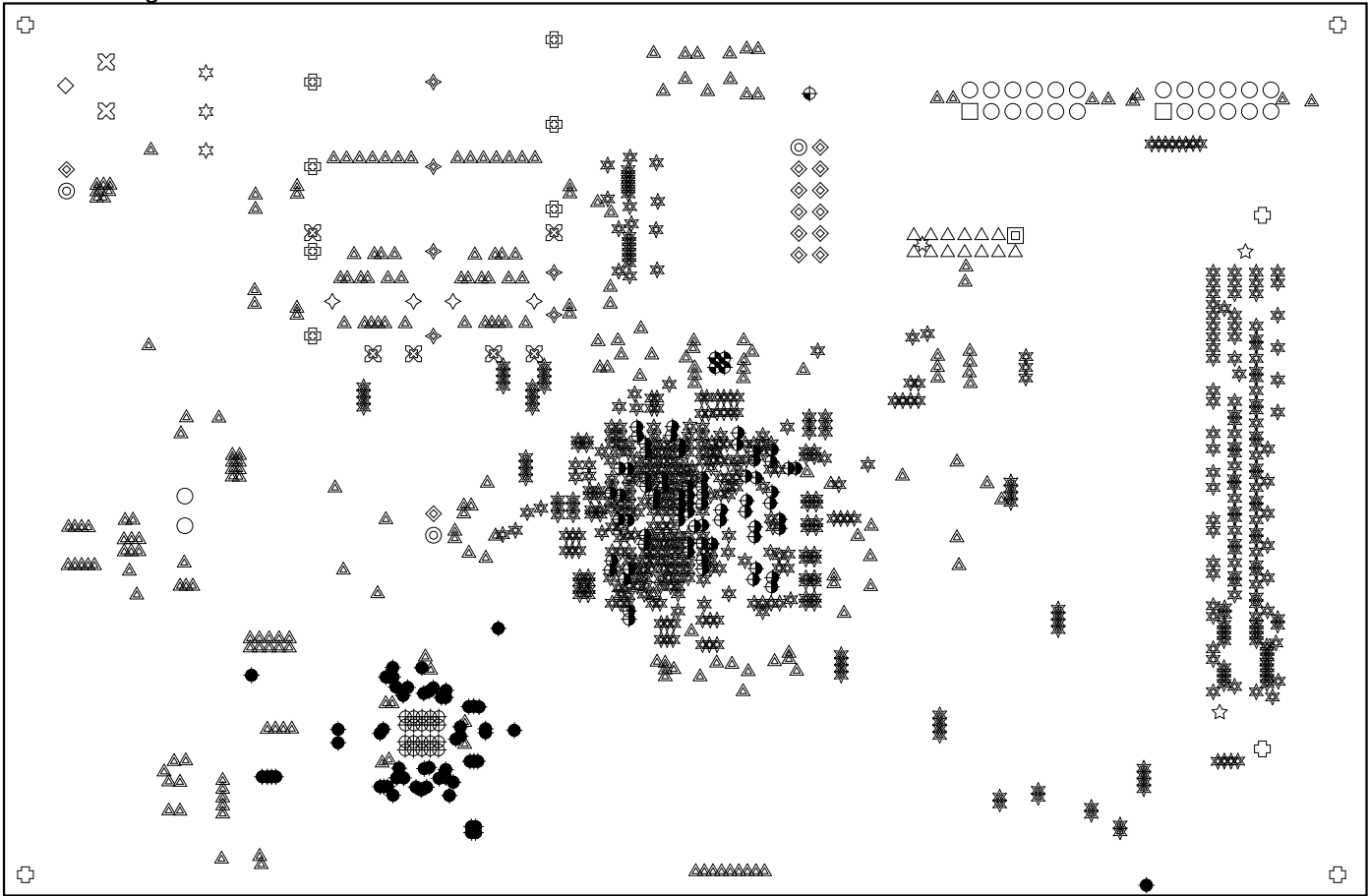


Drill Drawing View



Notes:

- 1. Via template v41h20m0mx0 is an In pad, tented, ink filled via.
- 2. Via template Via1 is a tented, ink filled via.

Drill Table

Symbol	Count	Hole Size	Plated	Hole Type	Via / Pad	Template
□	2	0.76mm(30.00mil)	Plated	Round	Pad	s152h76
○	24	0.76mm(30.00mil)	Plated	Round	Pad	c152h76
◇	1	1.00mm(39.37mil)	Plated	Slot	Pad	r165_406h100_310
⊗	2	1.00mm(39.37mil)	Plated	Slot	Pad	r165_406h100_318
⊕	6	2.70mm(106.30mil)	Plated	Round	Pad	c320h270
◇	4	1.55mm(61.02mil)	Plated	Round	Pad	c155h155m155p155
☆	2	1.27mm(50.00mil)	Non-Plated	Round	Pad	c0hn127
☆	3	1.85mm(72.83mil)	Plated	Round	Pad	c270h185
☆	1	1.00mm(39.37mil)	Plated	Round	Pad	c100h100
△	13	0.90mm(35.43mil)	Plated	Round	Pad	c130h90(Tol5-5)
□	1	0.90mm(35.43mil)	Plated	Round	Pad	s130h90c50(Tol5-5)
⊙	3	0.90mm(35.43mil)	Plated	Round	Pad	s150h90
◇	13	0.90mm(35.43mil)	Plated	Round	Pad	c150h90
⊗	6	0.95mm(37.40mil)	Plated	Round	Pad	c95h95
⊕	7	1.05mm(41.34mil)	Plated	Round	Pad	s200h105m0
◇	6	0.95mm(37.40mil)	Plated	Round	Pad	s200h95m0
⊕	1	3.20mm(125.98mil)	Plated	Round	Pad	c500h320
☆	524	0.20mm(8.00mil)	Plated	Round	Via	Via1
⊕	72	0.20mm(8.00mil)	Plated	Round	Via	v41h20m0mx0
△	243	0.25mm(10.00mil)	Plated	Round	Via	v51h25
●	58	0.18mm(7.00mil)	Plated	Round	Via	v38h18
⊕	20	0.25mm(10.00mil)	Plated	Round	Via	v64h25
⊕	4	0.20mm(7.87mil)	Plated	Round	Via	v50h20

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE				
		DIMENSIONS ARE IN INCHES	DRAWN		21/7/2017				
		TOLERANCES:	CHECKED			TITLE			
		FRACTIONAL±	ENG APPR.						
		ANGULAR: MACH± BEND ±	MFG APPR.						
		TWO PLACE DECIMAL ±							
		THREE PLACE DECIMAL ±							
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.			SIZE DWG. NO.			
		MATERIAL	COMMENTS:						
		FINISH							
NEXT ASSY	USED ON								
APPLICATION									
		DO NOT SCALE DRAWING				SCALE: 1:1	WEIGHT:	SHEET 1 OF 3	

Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Paste			Paste Mask	GTP
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.025mm(0.984mil)	Solder Resist	Solder Mask	GTS
Copper	Component Side	0.035mm(1.378mil)		Signal	GTL
Prepreg		0.115mm(4.528mil)		Dielectric	
Copper	Ground Plane (GND)	0.035mm(1.378mil)		Internal Plane	GP1
Core		0.400mm(15.748mil)		Dielectric	
Copper	GND/Signal	0.035mm(1.378mil)		Signal	G1
Prepreg		0.296mm(11.654mil)		Dielectric	
Copper	VCCO/Signal	0.035mm(1.378mil)		Signal	G2
Core		0.400mm(15.748mil)		Dielectric	
Copper	VCCINT/VCCAUX	0.035mm(1.378mil)		Internal Plane	GP2
Prepreg		0.115mm(4.528mil)		Dielectric	
Copper	Bottom Side	0.035mm(1.378mil)		Signal	GBL
Surface Material	Bottom Solder	0.025mm(0.984mil)	Solder Resist	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
	Bottom Paste			Paste Mask	GBP
Total thickness: 1.586mm(62.440mil)					

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		TOLERANCES:	CHECKED			TITLE		
		FRACTIONAL±	ENG APPR.					
		ANGULAR: MACH± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.					
		THREE PLACE DECIMAL ±	COMMENTS:			SIZE	DWG. NO.	
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL						
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:1	WEIGHT:	SHEET 2 OF 3

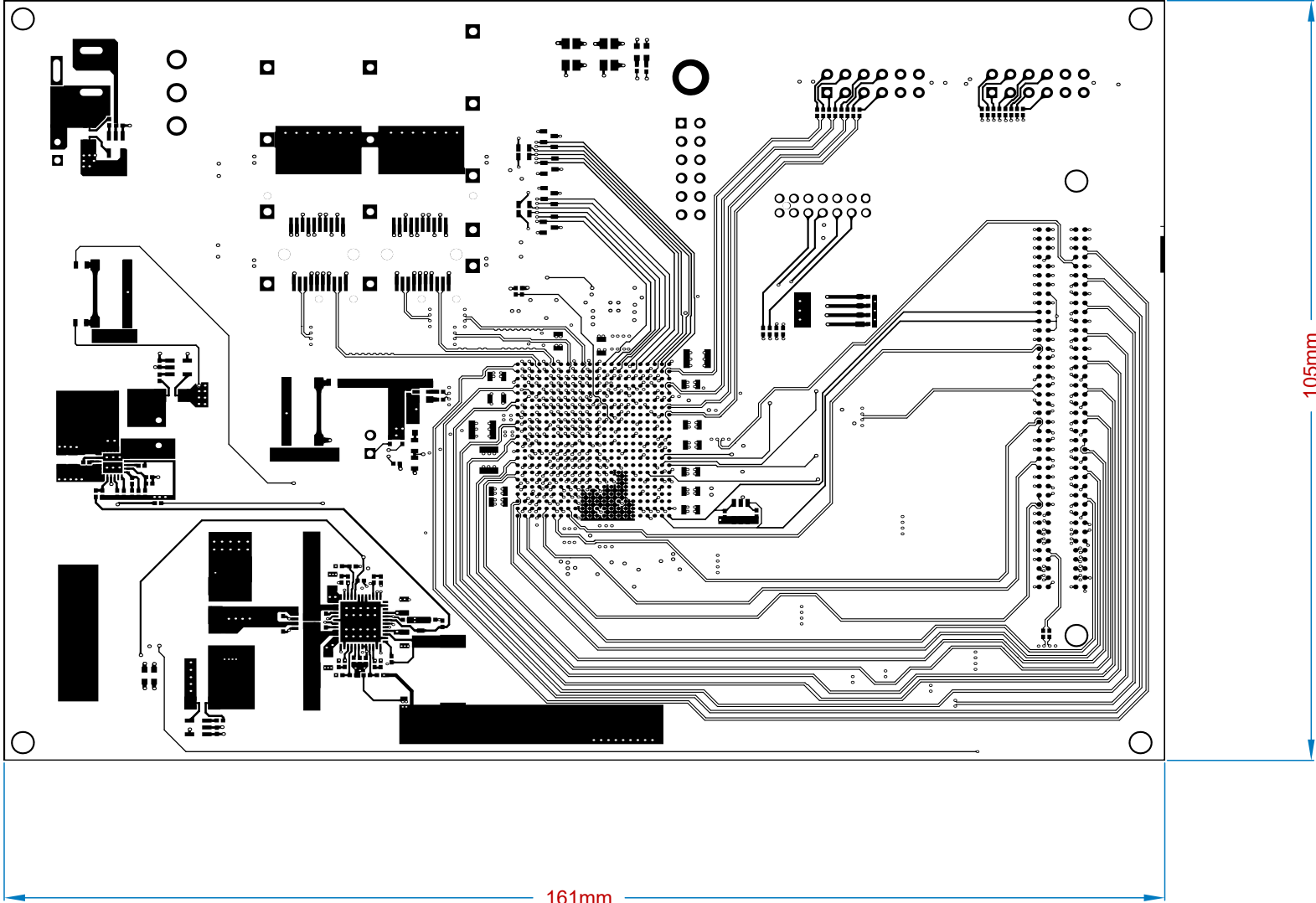
A

B

C

D

Component Side (Scale: 1.1392)



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		DIMENSIONS ARE IN INCHES	DRAWN		21/7/2017				
		TOLERANCES:	CHECKED						
		FRACTIONAL±	ENG APPR.						
		ANGULAR: MACH± BEND ±	MFG APPR.						
		TWO PLACE DECIMAL ±				COMMENTS:			
		THREE PLACE DECIMAL ±							
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.						
		MATERIAL				SIZE	DWG. NO.		
		FINISH							
NEXT ASSY	USED ON					SCALE: 1:1	WEIGHT:	SHEET 3 OF 3	
APPLICATION		DO NOT SCALE DRAWING							

A

B

C

D