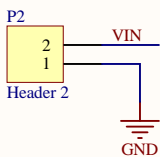



MH1
MHOLE_4-40
MH3
MHOLE_4-40

MH2
MHOLE_4-40
MH4
MHOLE_4-40



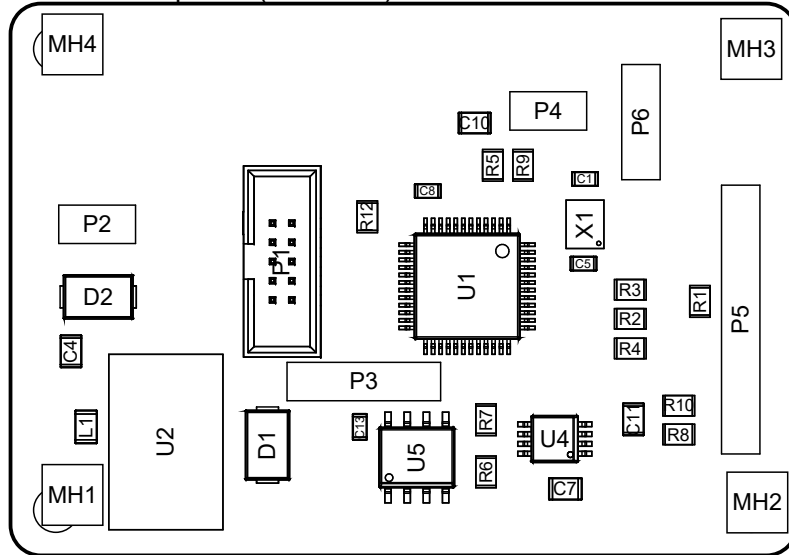
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Size: Orcad A	Number: 1	Revision: *		
Date: 4/7/2019		Time: 7:42:27 PM		
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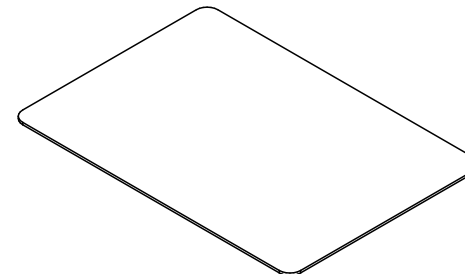
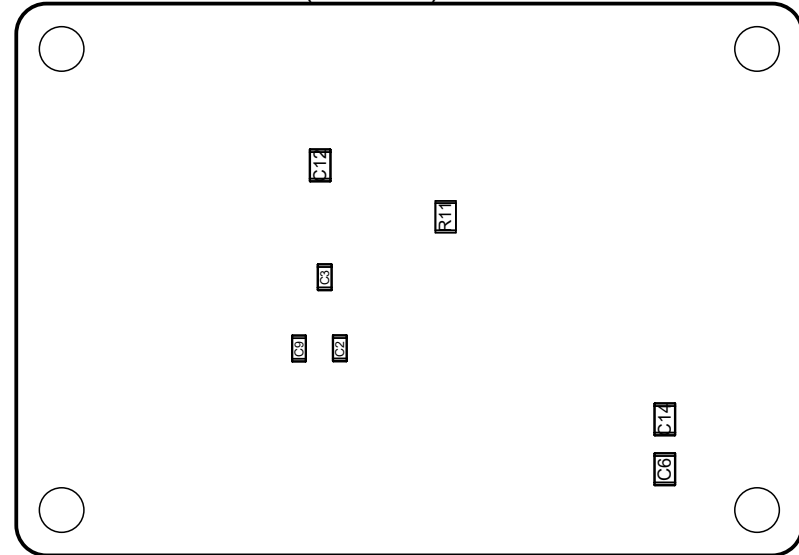
A

B

View from Top side (Scale 2:1)



View from Bottom side (Scale 2:1)



View from Front side (Scale 1:1)

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A

B

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE								
		DIMENSIONS ARE IN INCHES TOLERANCES: FRACTIONAL ± ANGULAR: MACH ± BEND ± TWO PLACE DECIMAL ± THREE PLACE DECIMAL ±	DRAWN		4/7/2019	TITLE							
			CHECKED										
			ENG APPR.										
			MFG APPR.										
			Q.A.										
		INTERPRET GEOMETRIC TOLERANCING PER:	COMMENTS:										
		MATERIAL											
										SIZE	DWG. NO.		
NEXT ASSY	USED ON	FINISH											
APPLICATION		DO NOT SCALE DRAWING								SCALE: 1:1	WEIGHT:		SHEET 1 OF 3

1

1

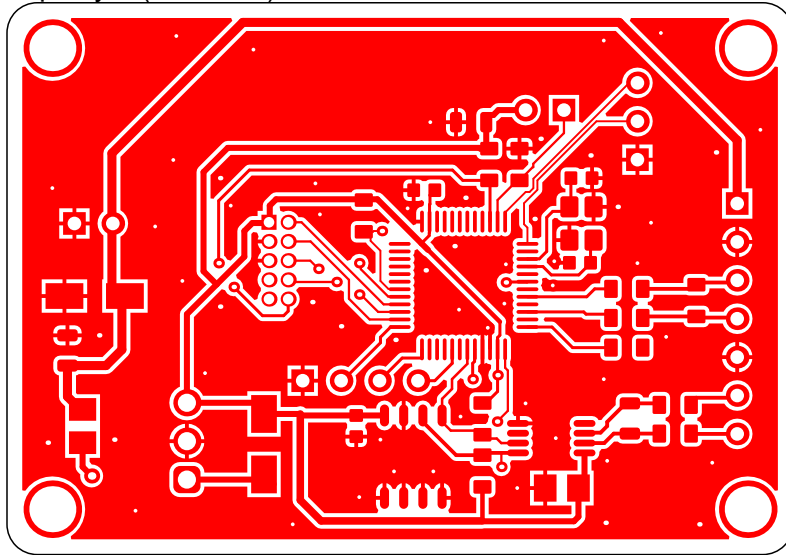
2

2

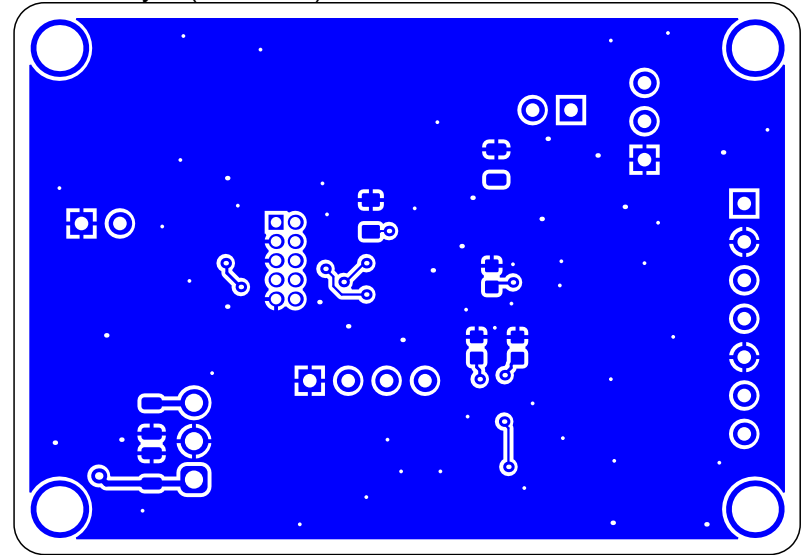
A

B

Top Layer (Scale 2:1)



Bottom Layer (Scale 2:1)



1

1

2

2

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		DIMENSIONS ARE IN INCHES	DRAWN		4/7/2019			
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.			SIZE	DWG. NO.	
		THREE PLACE DECIMAL ±	COMMENTS:					
		INTERPRET GEOMETRIC TOLERANCING PER:						
		MATERIAL						
		FINISH						
NEXT ASSY	USED ON							
APPLICATION		DO NOT SCALE DRAWING						
						SCALE: 1:1	WEIGHT:	SHEET 2 OF 3

A

B

A

B

Bill Of Materials

Line #	Designator	Quantity	Manufacturer 1	Manufacturer Part Number 1
1	C1, C5	2	Murata	GQM1885C1H270JB01D
2	C2, C3, C8, C9	4	Samsung Electro-Mechanics	CL10A225KQ8NNNC
3	C4, C6	2	Samsung	CL21A475KLCLQNC
4	C7	1	Kyocera AVX	08053C104KAT2A
5	C10, C14	2	Samsung	CL21A106KPFNNNE
6	C11, C12	2	Samsung	CL21C102GBCNNNC
7	C13	1	Kyocera AVX	0603YC104JAZ2A
8	D1, D2	2	Diodes	B260A-13-F
9	L1	1	TDK	MLZ2012M100WT
10	P1	1	CNC Tech	3220-10-0100-00
11	P2	1		
12	P3	1		
13	P4	1		
14	P5	1		
15	P6	1		
16	R1, R2, R3, R4, R8, R10	6	Yageo	RC0805FR-0747RL
17	R5, R6, R7	3	Yageo	RC0805FR-0710KL
18	R9, R11, R12	3	Yageo	RC0805FR-072K2L
19	U1	1	Texas Instruments	TMS320F28027PTT
20	U2	1	CUI	VX7803-500
21	U4	1	Texas Instruments	TMP411ADGKR
22	U5	1	ON Semiconductor	CAT24C256WI-GT3
23	X1	1	NDK	NX3225SA20.000MSTDCSR1

1

1

2

2

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		UNLESS OTHERWISE SPECIFIED:		NAME	DATE	TITLE		
		DIMENSIONS ARE IN INCHES	DRAWN		4/7/2019			
		TOLERANCES:	CHECKED					
		FRACTIONAL ±	ENG APPR.					
		ANGULAR: MACH ± BEND ±	MFG APPR.					
		TWO PLACE DECIMAL ±	Q.A.			SIZE DWG. NO.		
		THREE PLACE DECIMAL ±	COMMENTS:					
		INTERPRET GEOMETRIC TOLERANCING PER:				SCALE: 1:1 WEIGHT: SHEET 3 OF 3		
		MATERIAL						
		FINISH						
NEXT ASSY	USED ON	DO NOT SCALE DRAWING						
APPLICATION								

A

B