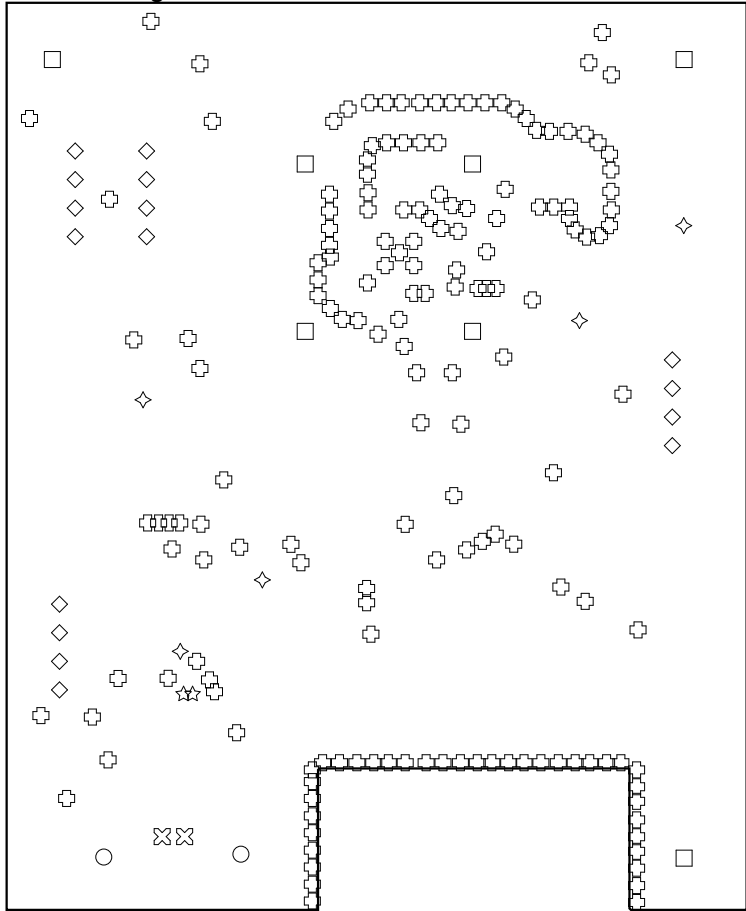


Drill Drawing View



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
□	7	3.05	Plated	None
○	2	1.60	Plated	None
◇	16	1.08	Plated	None
⊠	2	0.70	Plated	None
⊕	167	0.31	Plated	None
⋄	5	0.71	Plated	None
☆	2	0.20	Plated	None

- 1
- Text element with square border.
2.
- Text element with no border
- 3
- Text element with circle border
4.
- Text element with no border
5.
- Text element with no border
6.
- Text element with no border
7.
- Text element with no border

THE INFORMATION  
CONTAINED IN THIS  
DRAWING IS THE SOLE  
PROPERTY OF  
. ANY REPRODUCTION IN  
PART OR AS A WHOLE  
PROPRIETARY AND CONFIDENTIAL

		UNLESS OTHERWISE SPECIFIED:		NAME	DATE			
		DIMENSIONS ARE IN INCHES	DRAWN		4/8/2019			
		TOLERANCES:	CHECKED			TITLE		
		FRACTIONAL±	ENG APPR.					
		ANGULAR: MACH± BEND±	MFG APPR.					
		TWO PLACE DECIMAL ±						
		THREE PLACE DECIMAL ±						
		INTERPRET GEOMETRIC	Q.A.					
		TOLERANCING PER:	COMMENTS:			SIZE	DWG. NO.	
		MATERIAL						
NEXT ASSY	USED ON	FINISH						
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:1	WEIGHT:	SHEET 1 OF 3












A

B

C

D

Layer Stack Legend

	Material	Layer	Thickness	Dielectric Material	Type	Gerber
		Top Paste			Paste Mask	GTP
		Top Overlay			Legend	GTO
	Surface Material	Top Solder	0.01mm	Solder Resist	Solder Mask	GTS
	Copper	Layer 1	0.04mm		Signal	GTL
	Core		0.18mm	FR-4	Dielectric	
	Copper	Signal Layer 2	0.02mm		Signal	G1
	Prepreg		1.12mm		Dielectric	
	Copper	Signal Layer 3	0.02mm		Signal	G2
	Core		0.18mm		Dielectric	
	Copper	Layer 4	0.04mm		Signal	GBL
	Surface Material	Bottom Solder	0.01mm	Solder Resist	Solder Mask	GBS
		Bottom Overlay			Legend	GBO
		Bottom Paste			Paste Mask	GBP
Total thickness: 1.60mm						

1

1

2

2

THE INFORMATION  
CONTAINED IN THIS  
DRAWING IS THE SOLE  
PROPERTY OF  
. ANY REPRODUCTION IN  
PART OR AS A WHOLE  
PROPRIETARY AND CONFIDENTIAL

		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	TITLE				
		DIMENSIONS ARE IN INCHES	DRAWN	4/8/2019					
		TOLERANCES:	CHECKED						
		FRACTIONAL ±	ENG APPR.						
		ANGULAR: MACH ± BEND ±	MFG APPR.						
		TWO PLACE DECIMAL ±			SIZE DWG. NO.				
		THREE PLACE DECIMAL ±							
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.						
		MATERIAL	COMMENTS:						
		FINISH							
NEXT ASSY	USED ON								
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:1	WEIGHT:	SHEET 2 OF 3	

A

B

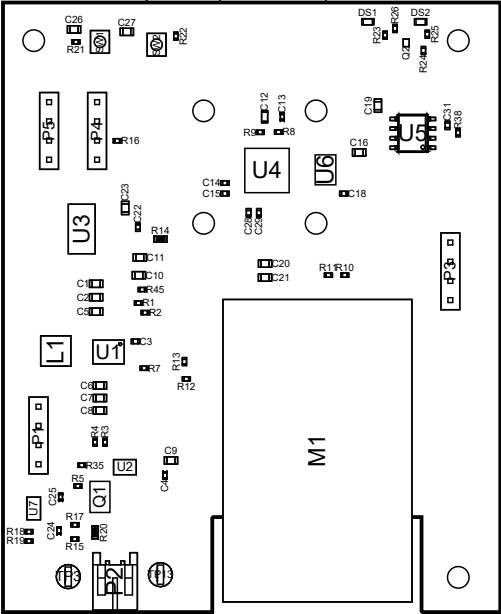
C

D

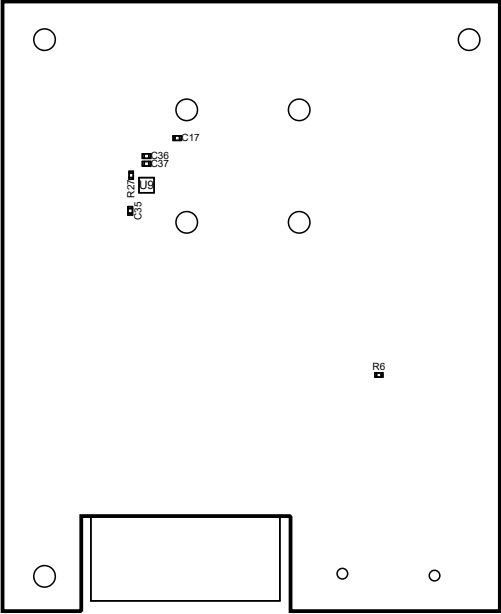
Bill Of Materials

Line #	Designator	Comment	Quantity
1	C1, C2, C5, C6, C7, C8, C9, C10, C16, C19, C20, C21	CAP 10uF 6.3V 0603(1608)	12
2	C3, C15, C17, C18, C28, C29, C35	CAP 100nF 6.3V 0402(1005)	7
3	C4, C24, C25	0.1uF	3
4	C11, C23, C26, C27	100nF	4
5	C12	C1608X7R1H103K080AA	1
6	C14, C31	CAP 1uF 10V 0402(1005)	2
7	C22, C36, C37	CAP 2.2uF 6.3V 0402(1005)	3
8	DS1	KING-LED_GREEN_A1K2-2	1
9	DS2	APG1608SURKC/T	1
10	L1	XFL4020-102MEC	1
11	M1	Imp005 easyModule	1
12	P1, P3, P4, P5	PHT-104-01-L-S	4
13	P2	S2B-PH-K-S(LF)(SN)	1
14	Q1	SiS407ADN	1
15	Q2	NTUD3170NZT5G	1
16	R1	910K 1% 0402(1005)	1
17	R2	143K 1% 0402(1005)	1
18	R3, R4, R12, R13	47K 5% 0402(1005)	4
19	R5, R10, R11, R16, R24, R26	100K 5% 0402(1005)	6
20	R6, R45	20K 5% 0402(1005)	2
21	R7, R8, R18, R19, R27, R35, R38	Jumper 0402(1005)	7
22	R9	715R 1%	1
23	R14, R20	0.22	2
24	R15, R17	10R 5%	2
25	R21, R22	33K 5% 0402(1005)	2
26	R23, R25	130R 5%	2
27	SW1, SW2	B3U-1000P	2
28	TP3, TP13	5012	2
29	U1	TI-TPS63020DSJ14-4000X1580T P	1
30	U2	LTC2941CDCB-1#TRMPBF	1
31	U3	TPS73733DCQ	1
32	U4	ADXL1004BCPZ	1
33	U5	LT1461ACS8-3.3	1
34	U6	AD4008BCPZ-RL7	1
35	U7	INA219BIDCNT	1
36	U9	TPS780180300DRVR	1

View from Top side (Scale 1:1)



View from Bottom side (Scale 1:1)



THE INFORMATION  
CONTAINED IN THIS  
DRAWING IS THE SOLE  
PROPERTY OF  
. ANY REPRODUCTION IN  
PART OR AS A WHOLE  
PROPRIETARY AND CONFIDENTIAL

		UNLESS OTHERWISE SPECIFIED:	NAME	DATE	TITLE		
		DIMENSIONS ARE IN INCHES	DRAWN	4/8/2019			
		TOLERANCES:	CHECKED				
		FRACTIONAL ±	ENG APPR.				
		ANGULAR: MACH ± BEND ±	MFG APPR.				
		TWO PLACE DECIMAL ±			SIZE DWG. NO.		
		THREE PLACE DECIMAL ±					
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.		SCALE: 1:1 WEIGHT: SHEET 3 OF 3		
		MATERIAL	COMMENTS:				
	NEXT ASSY	USED ON					
	APPLICATION		FINISH				
		DO NOT SCALE DRAWING					