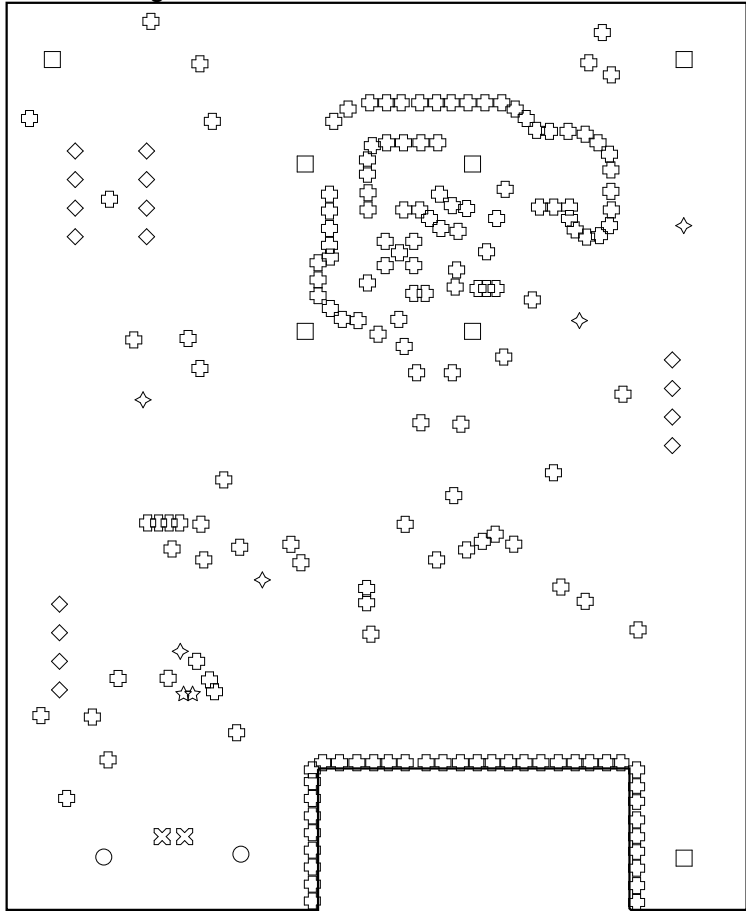


Drill Drawing View



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











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	=Value	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	= "Value"	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

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

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						

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		THREE PLACE DECIMAL ±							
		INTERPRET GEOMETRIC TOLERANCING PER:	Q.A.						
		MATERIAL				SIZE	DWG. NO.		
NEXT ASSY	USED ON	FINISH							
APPLICATION		DO NOT SCALE DRAWING				SCALE: 1:1	WEIGHT:	SHEET 2 OF 2	