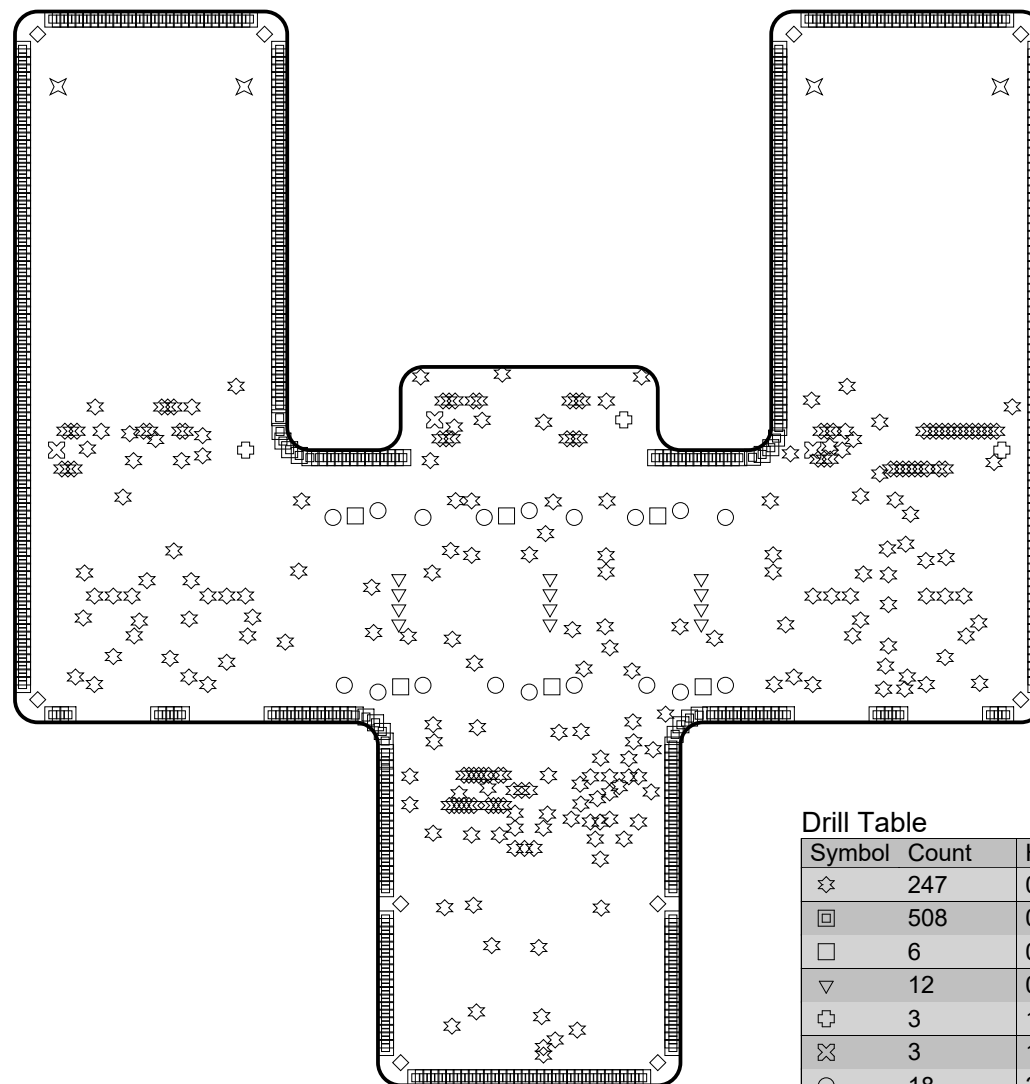


Bill Of Materials

Designator	Quantity	Manufacturer Name	Manufacturer Part Number
R21, R23, R29, R31, R37, R39, R45, R47	8	Vishay	CRCW04020000Z0ED
J4, J6, J7, J8, J9	5	Molex	53261-0471
R5, R6, R7, R8, R9, R10, R11, R12, R13, R14, R15, R16, R17	13	Vishay	CRCW040210K0FKED
R1, R2, R3, R4, R20, R24, R25, R28, R32, R33, R36, R40, R41, R44, R48, R49, R69, R70, R71	19	Vishay	CRCW040247K0FKED
R18, R19, R26, R27, R34, R35, R42, R43	8	Vishay	CRCW0402100KFKED
R22, R30, R38, R46	4	YAGEO	RC2512JK-07120RL
D1, D2, D5, D6, D7, D8, D9, D10, D11, D12	10	Eaton	0402ESDA-MLP1
C10, C12, C14, C16	4	Kemet	C0402C330J9RACAUTO
C1, C2, C3, C4, C5, C6, C7, C8, C9, C11, C13, C15, C32	13	AVX	04026D104KAT4A
U5	1	NXP	MPL3115A2R1
U7, U8, U9, U10	4	Amazing Micro	AZRS3080E
U2, U3, U4	3	Sensirion	SDP810-500PA
U15	1	Silicon Labs	SI1145-A10-GMR
U6	1	Texas Instruments	SN74LV4052ADR
U1	1	Texas Instruments	TCA9548APWR
J1	1	TE Connectivity	TE-1775862-2
J2	1	TE Connectivity	TE-1775862-2
J?	1	TE Connectivity	TE-1775862-2

Layer Stack Legend

Material	Layer	Thickness	Dielectric Material	Type	Gerber
	Top Overlay			Legend	GTO
Surface Material	Top Solder	0.03mm	SM-001	Solder Mask	GTS
Nickel, Gold	Top Copper Plating	0.02mm		Surface Finish	
CF-004	Top Layer	0.04mm		Signal	GTL
Prepreg		0.21mm	PP-022	Dielectric	
CF-004	Int1	0.04mm		Signal	G1
Core		0.99mm	Core-042	Dielectric	
CF-004	Int2	0.04mm		Signal	G2
Prepreg		0.21mm	PP-022	Dielectric	
CF-004	Bottom Layer	0.04mm		Signal	GBL
Nickel, Gold	Bottom Copper Plating	0.02mm		Surface Finish	
Surface Material	Bottom Solder	0.03mm	SM-001	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 1.64mm					



Drill Table

Symbol	Count	Hole Size	Plated	Hole Tolerance
☆	247	0.20mm	Plated	
◻	508	0.50mm	Plated	+/-0.05mm
◻	6	0.80mm	Non-Plated	
▽	12	0.80mm	Plated	
⊕	3	1.10mm	Non-Plated	
⊗	3	1.60mm	Non-Plated	
○	18	3.00mm	Non-Plated	
◇	10	3.00mm	Plated	+/-0.05mm
✧	4	4.30mm	Plated	
811 Total				