



Bill Of Materials

Designator	Name	Quantity	Footprint
C1, C4, C8	1uF	3	CAP_0603
C2, C3, C6, C7	100nF	4	CAP_0603
C5, C9	4.7uF	2	CAP_0603
CN1	HD_5pin_2.54mm_Male	1	HD_5pin_2.54mm_male
Q1	BSS138DW-7-F	1	DIOD-SOT363-6_V
R1, R2, R3, R4, R5, R6	10K	6	RES_0603
U1	TLV74018PDBVR	1	SOIC_DBVR_TEX
U2	HDC2022DEPR	1	WSO6N-6

Drill Table

Symbol	Count	Hole Size	Plated
△	46	0.13mm	Plated
○	4	0.15mm	Plated
□	5	1.02mm	Plated
	55 Total		

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
PbSn	Top Surface Finish	0.02mm		Surface Finish	
CF-004	Top Layer	0.04mm		Signal	GTL
Core		1.50mm	Core-043	Dielectric	
CF-004	Bottom Layer	0.04mm		Signal	GBL
PbSn	Bottom Surface Finish	0.02mm		Surface Finish	
Surface Material	Bottom Solder	0.03mm	SM-001	Solder Mask	GBS
	Bottom Overlay			Legend	GBO
Total thickness: 1.66mm					

