

HQDFM Design for Manufacture(DFM) Report

File name: 0000A103604_1

Time: 2024-04-16

Layer num:2

pcb thickness:1.60

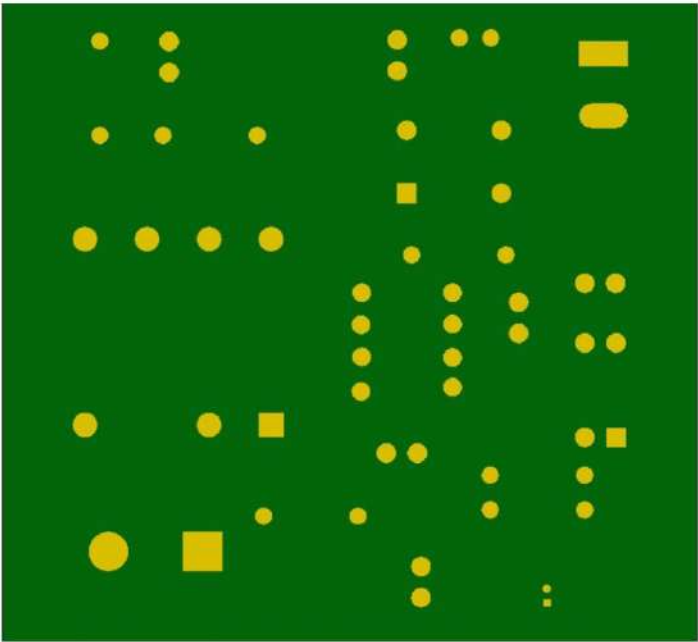
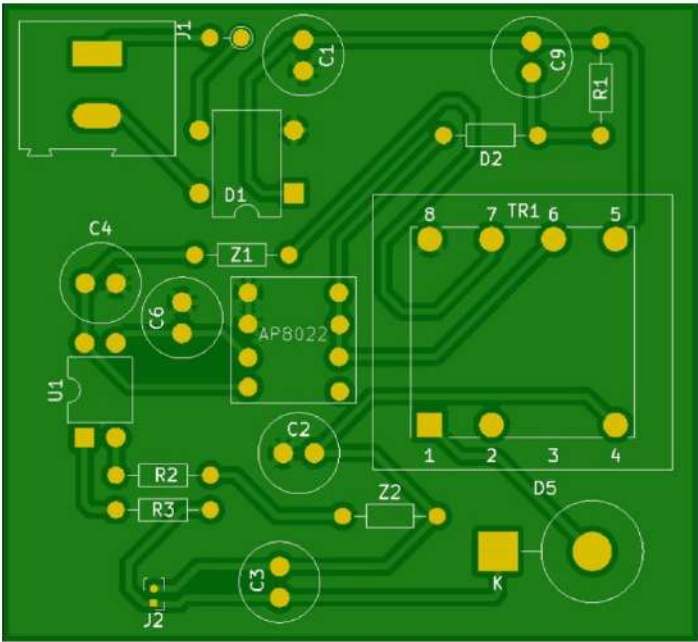
quantity:5

Board Size:56.13*51.56 mm



param_analyze	Trace Width/Spacing	10.00/10.00mil+
	Milling Density	77.2211m/m²
	Surface Finish Area	9.21%
	Test Point Count	110
	Panel Efficiency	85.2179%

The board's small size may complicate machine assembly. We recommend increasing the dimensions to at least 70 x 70mm by panelizing the boards and/or adding break-away rails.



type	checkitem	checksubitem	result
pcb_signal	Smallest Trace Width	1	Pass
	Smallest Trace Spacing	3	Pass
	Pad Spacing	2	Pass
	Pad Size	3	Pass 4
	Hatched Copper Pour	2	Pass
	RingHole	2	Pass
	Drill to Copper	5	Pass
	Signal Integrity	4	Pass
	Board Edge Clearance	2	Pass 8
	Holes on SMD Pads	4	Pass
	Open/Shorts (IPC)	1	Pass
pcb_drill	Hole Diameter	8	Pass
	Drill Hole Density	1	Pass
	Hole Diameter	8	Pass
	Drill Hole Spacing	4	Pass
	Drill to Board Edge	4	Pass
	Drill Hole Density	1	Pass
	Special Drill Holes	2	Pass
pcb_soldmask	Solder Mask Spacing	2	Pass
	Missing SMask Openings	1	Pass
pcb_silk	Silkscreen Spacing	1	Pass 7
ass_markpoint	Fiducials	1	Pass 42

ID	item	rule	value	issue	image	Coordinate	count	level
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