

This document can handle board shapes up to 7.9in x 10in, although our panel vendors top out at 7in x 10in.

To re-size the board shape, do the following:

Select lines on M1 Board Outline and delete (easy in single layer mode...shift+s)

Draw a rectangle using lines (example will be for a 4 x 6 board)

Enter Place Line mode (keyboard pl)

keyboard jo to jump to origin, hit enter

keyboard jl to jump to location, set x to 6000, hit enter twice

keyboard jl to jump to location, set x to 6000 and y to 4000, hit enter twice

keyboard jl to jump to location, set x to 0 and y to 4000, hit enter twice

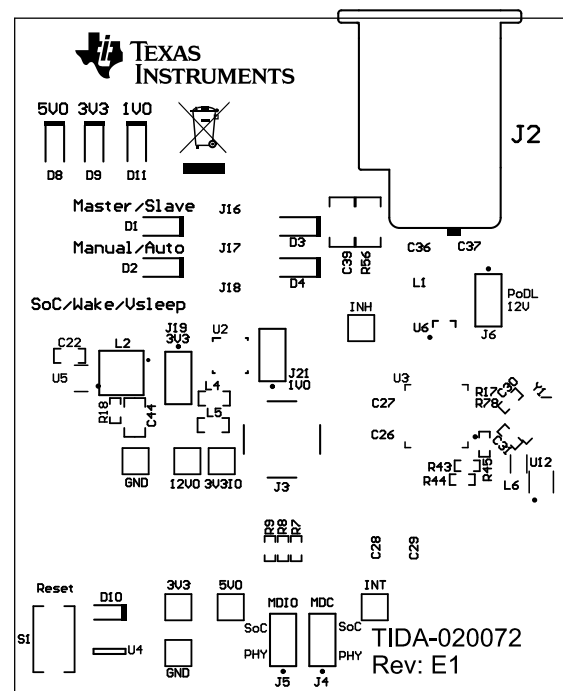
keyboard jo to jump to origin, hit enter

Hit ESC twice to exit place line mode

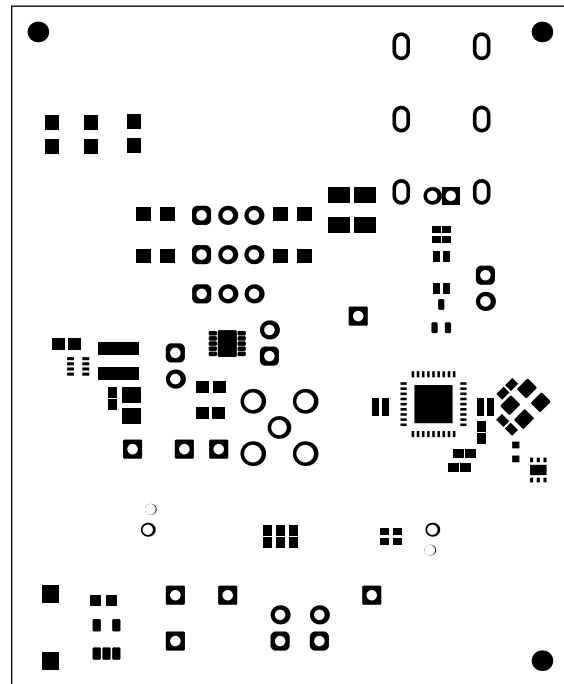
Select lines on M1 Board Outline

Menu Design|Board Shape|Define from Selected Objects (keyboard dsd)

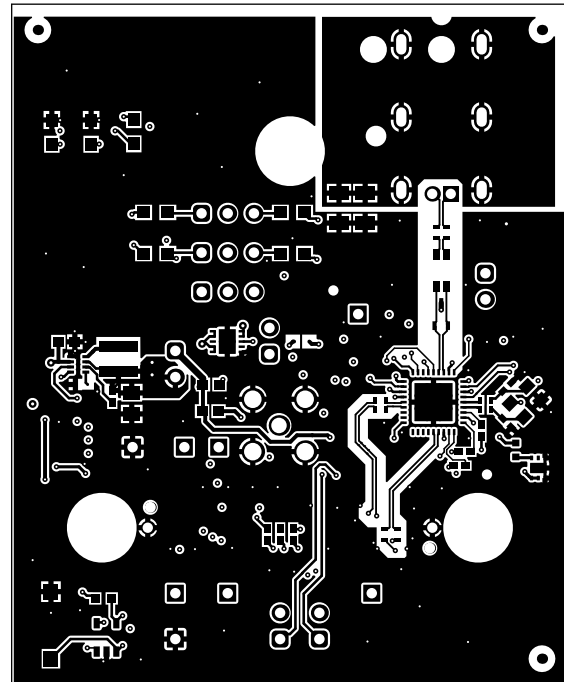
If you re-size the board, don't forget to move the drill table strings on the Drill Drawing Layer...they should be just to the right of your board shape



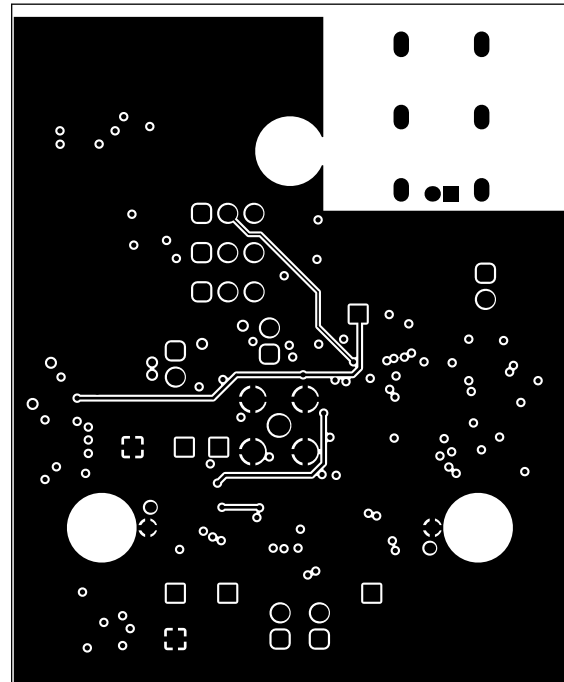
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-020072	REV: E1	SUN REV: 8267
LAYER NAME = Top Overlay	TID #: N/A		
PLOT NAME = Top Overlay	GENERATED : 7/2/2024	9:49:15 AM	TEXAS INSTRUMENTS



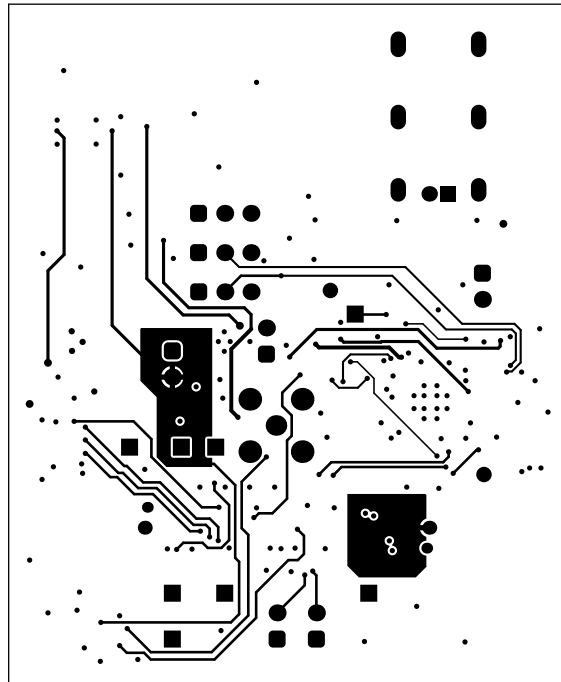
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-020072	REV: E1	SUN REV: 8267
LAYER NAME = Top Mask	TID #: N/A		
PLOT NAME = Top Solder Mask	GENERATED : 7/2/2024	9:49:15 AM	TEXAS INSTRUMENTS



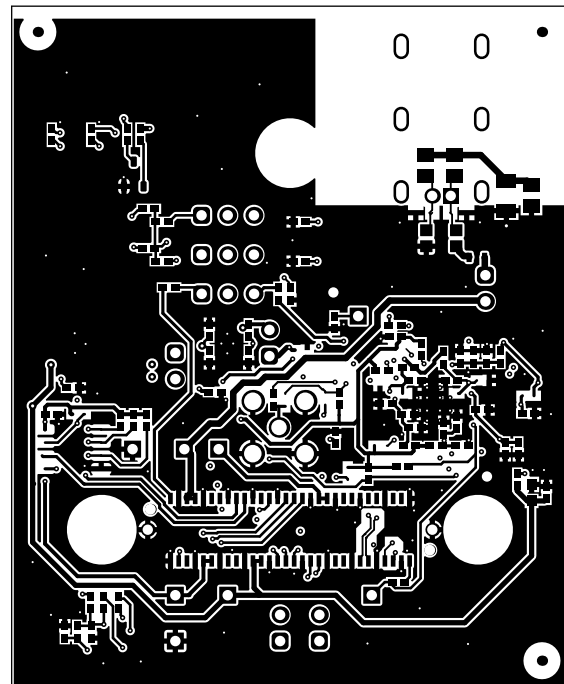
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-020072	REV: E1	SUN REV: 8267
LAYER NAME = Top Copper	TID #: N/A		
PLOT NAME = Top Layer	GENERATED : 7/2/2024	9:49:15 AM	TEXAS INSTRUMENTS



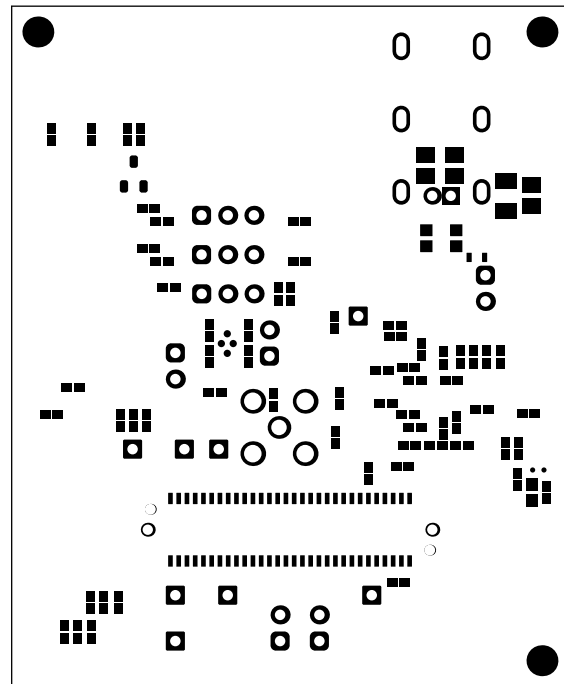
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-020072	REV: E1	SUN REV: 8267
LAYER NAME =	TID #: N/A		
PLOT NAME = Signal 1	GENERATED : 7/2/2024	9:49:15 AM	TEXAS INSTRUMENTS



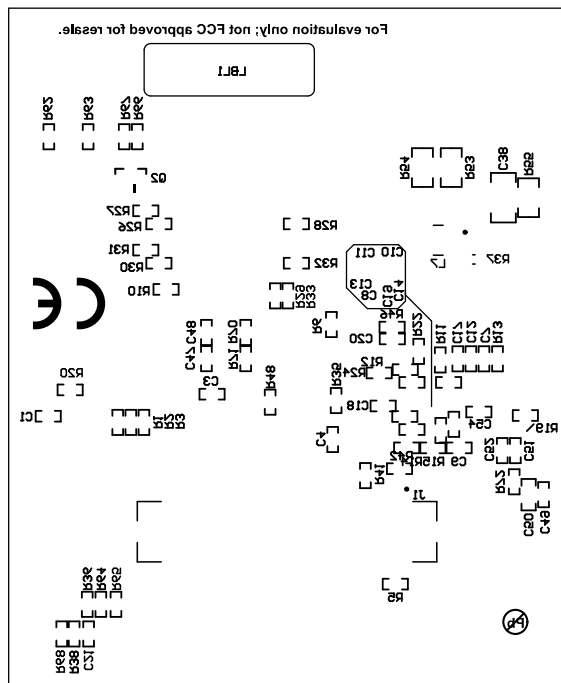
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-020072	REV: E1	SUN REV: 8267
LAYER NAME =	TID #: N/A		
PLOT NAME = Signal 2	GENERATED : 7/2/2024	9:49:15 AM	TEXAS INSTRUMENTS



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-020072	REV: E1	SUN REV: 8267
LAYER NAME = Bottom Copper	TID #: N/A		
PLOT NAME = Bottom Layer	GENERATED : 7/2/2024	9:49:15 AM	TEXAS INSTRUMENTS



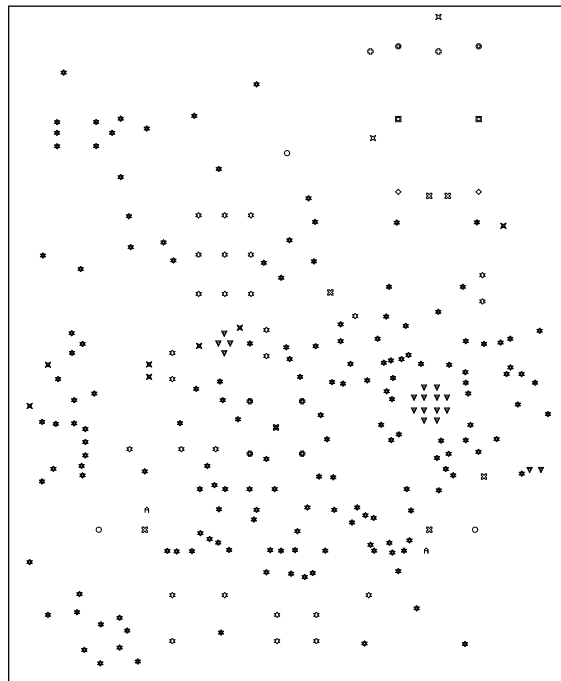
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-020072	REV: E1	SUN REV: 8267
LAYER NAME = Bottom Mask	TID #: N/A		
PLOT NAME = Bottom Solder Mask	GENERATED : 7/2/2024	9:49:15 AM	TEXAS INSTRUMENTS



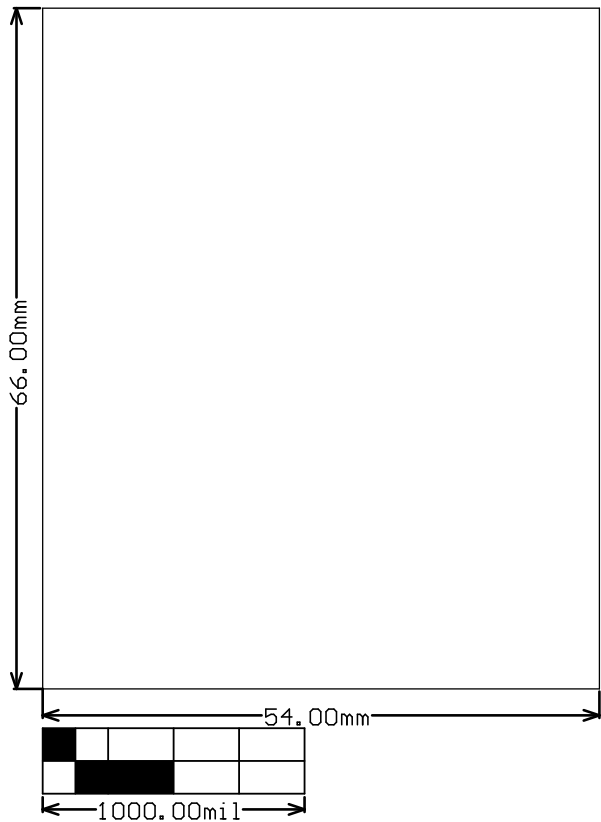
ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-020072	REV: E1	SUN REV: 8267
LAYER NAME = Bottom Overlay	TID #: N/A		
PLOT NAME = Bottom Overlay	GENERATED : 7/2/2024	9:49:15 AM	TEXAS INSTRUMENTS

Symbol	Quantity	Finished Hole Size	Plated	Hole Type	Drill Layer Pair	Hole Tolerance
⊕	2	41.34mil (1.050mm)	NPTH	Round	Top Copper - Bottom Copper	
⊗	2	62.99mil (1.600mm)	NPTH	Round	Top Copper - Bottom Copper	
⊕	2	86.61mil (2.200mm)	NPTH	Round	Top Copper - Bottom Copper	
▽	18	7.87mil (0.200mm)	PTH	Round	Top Copper - Bottom Copper	
⊗	183	8.00mil (0.203mm)	PTH	Round	Top Copper - Bottom Copper	
⊗	7	12.00mil (0.305mm)	PTH	Round	Top Copper - Bottom Copper	
⊗	6	39.37mil (1.000mm)	PTH	Round	Top Copper - Bottom Copper	
⊗	22	40.00mil (1.016mm)	PTH	Round	Top Copper - Bottom Copper	
⊗	1	59.86mil (1.500mm)	PTH	Round	Top Copper - Bottom Copper	
⊕	4	66.93mil (1.700mm)	PTH	Round	Top Copper - Bottom Copper	
○	3	122.98mil (3.100mm)	PTH	Round	Top Copper - Bottom Copper	
◇	2	39.37mil (1.000mm)	PTH	Slot	Top Copper - Bottom Copper	
⊕	2	39.37mil (1.000mm)	PTH	Slot	Top Copper - Bottom Copper	
⊕	2	39.37mil (1.000mm)	PTH	Slot	Top Copper - Bottom Copper	
	241 Total					

Slot definitions : Round Path Length = Calculated from tool start centre position to tool end centre position.
Hole Length = Round Path Length + Tool Size = Slot length as defined in the PCB layout.



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-020072	REV: E1	SUN REV: 8267
LAYER NAME = Drill Drawing	TID #: N/A		
PLOT NAME = Drill Drawing	GENERATED : 7/2/2024	9:49:15 AM	TEXAS INSTRUMENTS



ALL ARTWORK VIEWED FROM TOP SIDE	BOARD #: TIDA-020072	REV: E1	SUN REV: 8267
LAYER NAME = M2 Board Dimensions	TID #: N/A		
PLOT NAME = Board Dimensions	GENERATED : 7/2/2024	9:49:16 AM	TEXAS INSTRUMENTS

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