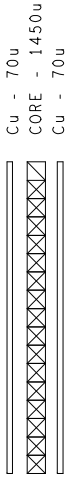


FABRICATION NOTE :

- 1:FABRICATE USING LATEST REVISION OF IPC-6012A CLASS 2 OR ABOVE
- 2:FABRICATE USING MASTER ARTWORK STEVAL-IFP044V1 FOR CIRCUIT PATTERN
NO DEVIATION FROM MASTER ARTWORK ARE PERMITTED WITHOUT WRITTEN APPROVAL FROM AN AUTHORIZED STMicroelectronics REPRESENTATIVE
- 3:VENDOR MUST BE UL QUALIFIED AND BOARDS MUST BE IDENTIFIED WITH APPROPRIATE VENDOR UL IDENTIFICATION MARK , LOT OR JOB NUMBER AND PCB MATERIAL FLAMMABILITY RATING (94V-0) MINIMUM
- 4:MATERIAL : FR4 RGHS COMPLIANT MINIMUM 125 G
- 5:BLUE SOLDER MASK BOTH SIDE OF BOARD WITH LIQUID PHOTO IMAGEABLE SOLDERMASK
- 6:FINISH: HAL Lead Free
- 7:FOR SMT COMPONENTS WITH PIN PITCH OF 0.019 INCH OR MORE NO GANG RELIEF OF SOLDER MASK IS ALLOWED
- 8:SILKSCREEN TO BE WHITE, NON CONDUCTIVE, EPOXY INK OR EQUIVALENT
- 9:THIS IS NOT A CONTROLLED IMPEDANCE BOARD
- 10:ON BOTTOM PCB MUST BE IDENTIFIED MANUFACTURER LOGO AND PCB TYPE (MEANS OF MATERIAL TYPE INDICATED ON THE YELLOW CARD DOCUMENT)
- 11:VENDOR TO PROVIDE BOARD STACK-UP FOR IMPEDANCE APPROVAL PRIOR TO BOARD FABRICATION,STACK UP AND IMPEDANCE TO INCLUDE COPPER PLATING ON OUTER LAYERS,FAB DRAWING STACK-UP DIMENSION ARE PROVIDED FOR REFERENCE ONLY
- 12:TEARDROPPING OF VIAS AND PADS ALLOWED AT PAD TO TRACE INTERSECTION TO INSURE A 2MIL ANULAR RING AT THE JUNCTION
- 13:REMOVE SILKSCREEN FROM SOLDERABLE SURFACE
- 14:ALL BOARD TO BE 100% ELECTRICALLY NETLIST TESTED FOR OPENS AND ON SHORTS, APPLY TEST STAMP IN REFERENCED AREA
- 15:THIS BOARD SHALL BE FULLY COMPLIANT WITH UL796

DETAIL 'A'
LAYER BUILD UP
(reference only)



(external Cu th are after plating)
estimated total thickness 1600u

DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	FINISHED SIZE	PLATED	QTY
A	13.0	PLATED	157
B	40.0	PLATED	139
C	43.31	PLATED	2
D	51.18	PLATED	7
E	125.98	NON-PLATED	4
TOTAL HOLES: 309			

Finished Hole Tolerance - All units are in Inches -			
Finish Hole Diameter	Plated Through Finish Hole Diameter	Non Plated Through Finish Hole Diameter	
0.008"-0.013"	+0.002/-0.013"	+/-0.002"	
0.014"-0.063"	+/-0.003"	+/-0.002"	
0.064"-0.156"	+/-0.004"	+/-0.003"	
0.157"-0.250"	+/-0.007"	+/-0.004"	
0.251" and up	+/-0.007"	+/-0.005"	
0.125"	Non Plated Only	+0.003/-0.000"	

REVISION DATE



I&PC, AMS Group AGRATE B. ITALY

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Drawn Rigo M. date 21-Aug-2022

Approved date

Description

DRILLING AND PROFILING

ISO



TOLERANCE UNLESS NOTED
UNIT=MM (MILS)

linear	0	>10	>50	ANG.
	<10	<50	>200	LES.

midle ±0.1 ±0.2 ±0.3 ±0.5 ±1"

accurate ±0.05 ±0.1 ±0.15 ±0.25 ±30"

SCALE:

1 : 1

REV.

1.0

Symbol

STEVAL-IFP044V1

Group

Treatment and surface finishing