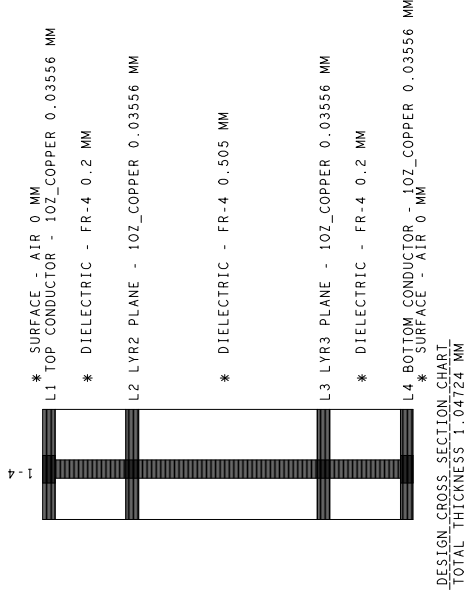



- FABRICATION NOTES :
- 1:FABRICATE USING LATEST REVISION OF STM SPECIFICATION
 - 2:FABRICATE USING MASTER ARTWORK X-NUCLEO-OUT17A1 R4.1 FOR CIRCUIT PATTERN
NO DEVIATION FROM MASTER ARTWORK ARE PERMITTED WITHOUT WRITTEN APPROVAL FROM AN AUTHORIZED "CLIENT NAME" REPRESENTATIVE.
 - 3:VENDOR MUST BE UL 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 RoHS COMPLIANT MINIMUM 125 C.
SEE "Cross Section Chart" FOR BOARD THICKNESS, COPPER WEIGHT AND LAYER CONSTRUCTION.
 - 5:BLUE SOLDER MASK BOTH SIDE OF BOARD WITH LIQUID PHOTO IMAGEABLE SOLDERMASK.
 - 6:FINISH - HASL LF RoHS COMPLIANT
 - 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:DESIGNATED AREA OR INSPECTION AND TEST STAMP.
 - 11:ON SMB PCB MUST BE IDENTIFIED MANUFACTURER LOGO AND PCB TYPE (MEANS OF MATERIAL TYPE INDICATED ON THE YELLOW CARD DOCUMENT).
 - 12:TEARDROPPING OF VIAS AND PADS ALLOWED AT PAD TO TRACE INTERSECTION TO INSURE A 2 MILS ANULAR RING AT THE JUNCTION.
 - 13:REMOVE SILKSCREEN FROM SOLDERABLE SURFACES.
 - 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.

DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILLIMETERS			
FIGURE	FINISHED_SIZE	PLATED	QTY
A	0.3	PLATED	260
B	0.4	PLATED	4
C	0.85	PLATED	2
D	0.9906	PLATED	108
E	1.06	PLATED	130
F	1.3	PLATED	16
G	3.2	NON-PLATED	4

TOTAL HOLES: 524



REVISION DATE	07-Mar-23	16-June-23	24-Aug-23						
STMICROELECTRONICS				Description		Symbol		IPS8200HQ-1	
ASP, AMS Group		ITALY		DRILLING AND PROFILING				Group	
ALL RIGHTS STRICTLY RESERVED. REPRODUCTION OR ISSUE TO THIRD PARTIES IN ANY FORM WHATEVER IS NOT PERMITTED WITHOUT WRITTEN AUTHORIZATION FROM STMICROELECTRONICS.				TOLERANCE UNLESS NOTED		ISO		SCALE: 1 : 1	
				UNIT=MM				REV. 4.1	
linear				0 >10 >50 <10 <50 <200 >200		ANG. LES.		Material	
middle				±0.1 ±0.2 ±0.3 ±0.5		±1°		Treatment and surface finishing	
accurate				±0.05 ±0.1 ±0.15 ±0.25 ±0.30					
Drawn		RIGO M.		date		15-Dec-2022			
Approved				date					