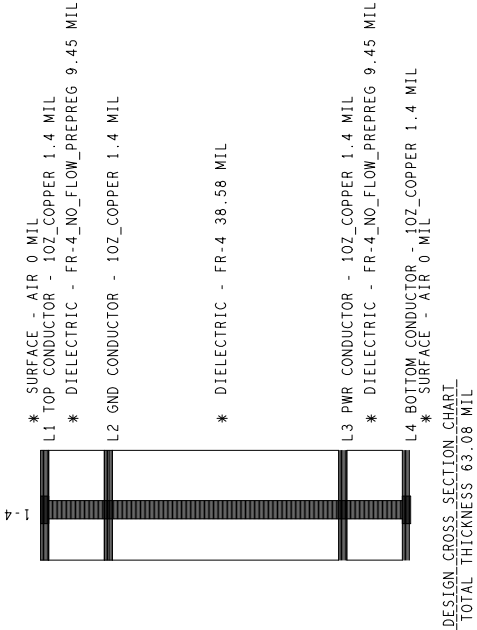


DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	FINISHED_SIZE	PLATED	QTY
A	11.81	PLATED	260
B	31.5	PLATED	1
C	40.16	NON-PLATED	2
D	125.98	NON-PLATED	4


TOTAL HOLES: 267

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/-FHS"	+/-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"	



FABRICATION NOTES :

- 1:FABRICATE USING LATEST REVISION OF STM SPECIFICATION.
- 2:FABRICATE USING MASTER ARTWORK SERVO\_CTRL1 R1 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 170 G (High TG)  
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 - ENIG Au:0.2u Ni:4u
- 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.

REVISION DATE	Description		Symbol
	DRILLING AND PROFILING		STSPIN32G4
APMS Group	AGRATE B. ITALY		Group SERVO_CTRL1
ALL RIGHTS STRICTLY RESERVED. REPRODUCTION OR ISSUE TO THIRD PARTIES IN ANY FORM WHATEVER IS NOT PERMITTED WITHOUT WRITTEN AUTHORIZATION FROM STMicreoelectronics.		ISO  SCALE: 1 : 1 REV. 1.0	
TOLERANCE UNLESS NOTED UNIT=MM		Material	
linear	0 >10 <10	>50 <200	ANG. LES.
midle	±0.1	±0.2 ±0.3 ±0.5	±1°
accurate	±0.05	±0.1 ±0.15 ±0.25	±30°
Drawn	RIGO M.	date 28-June-2024	Treatment and surface finishing
Approved		date	