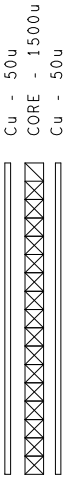


FABRICATION NOTE :

- 1:FABRICATE USING LATEST REVISION OF IPC-6012A CLASS 2 OR ABOVE
- 2:FABRICATE USING MASTER ARTWORK EVSPIN32G06Q1S1 R1 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 RoHS COMPLIANT MINIMUM 170 C (High Tg)
- 5:SEE "DETAIL 'A'" FOR BOARD THICKNESS, COPPER WEIGHT AND LAYER CONSTRUCTION
- 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:DESIGNATED AREA OR INSPECTION AND TEST STAMP
- 11:ON BOTTOM PCB MUST BE IDENTIFIED MANUFACTURER LOGO AND PCB TYPE (MEANS OF MATERIAL TYPE INDICATED ON THE YELLOW CARD DOCUMENT)
- 12:VENDOR TO PROVIDE BOARD STACK-UP AND IMPEDANCE (IF REQUIRED) APPROVAL PRIOR TO BOARD FABRICATION STACK UP AND IMPEDANCE (IF REQUIRED) TO INCLUDE COPPER PLATING ON OUTER LAYERS.FAB DRAWING STACK-UP DIMENSION ARE PROVIDED FOR REFERENCE ONLY
- 13:TEARDROPPING OF VIAS AND PADS ALLOWED AT PAD TO TRACE INTERSECTION TO INSURE A 2MIL ANULAR RING AT THE JUNCTION
- 14:REMOVE SILKSCREEN FROM SOLDERABLE SURFACE
- 15:ALL BOARD TO BE 100% ELECTRICALLY NETLIST TESTED FOR OPENS AND ON SHORTS, APPLY TEST STAMP IN REFERENCED AREA
- 16:THIS BOARD SHALL BE FULLY COMPLIANT WITH UL796

DETAIL "A"  
LAYER BUILD UP  
(reference only)



(external Cu th are after plating)  
estimated total thickness 1640u

DRILL CHART: TOP to BOTTOM			
ALL UNITS ARE IN MILS			
FIGURE	FINISHED SIZE	PLATED	QTY
A	12.0	PLATED	505
B	31.5	PLATED	21
C	35.43	PLATED	37
D	40.0	PLATED	10
E	43.31	PLATED	14
F	51.0	PLATED	2
G	55.0	PLATED	5
H	59.05	PLATED	4
I	82.68	PLATED	2
L	40.16	NON-PLATED	2
M	125.98	NON-PLATED	4

TOTAL HOLES: 606

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"	

REVISION DATE



Description

EVSPIN32G06Q1S1  
DRILLING AND PROFILING

Symbol

EVSPIN32G06Q1S1

Group

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UNIT=MM		UNIT=MM		1 : 1		1 : 1		1.0	
linear	0 <10 >10 >50	<10 <50 <200	ANG. LES.	Material		Treatment and surface finishing		1.0	
midle	±0.1 ±0.2 ±0.3 ±0.5 ±1°	±0.1 ±0.2 ±0.3 ±0.5 ±1°	±1°	Treatment and surface finishing		1.0		1.0	
accurate	±0.05 ±0.1 ±0.15 ±0.25 ±30°	±0.05 ±0.1 ±0.15 ±0.25 ±30°	±30°	Treatment and surface finishing		1.0		1.0	