

THIS PCB TO BE MANUFACTURED TO MEET ALL ACCEPTANCE LEVELS
OF A CLASS 2 PCB PER ANSI/IPC-A-600G.

MATERIAL: FR-4 or Equivalent ☒ MULTILAYER ☐ 2 LAYERS ☐ CONTROLLED IMPEDANCE
 Cu WEIGHT EXTERNAL LAYERS ☐ 35um FINISHED
 Cu WEIGHT INTERNAL LAYERS ☐ N/A FINISHED
 FINISHED OVERALL THICKNESS ☐ 1.6 mm \pm ☐ 10 %
 COPPER THIEVING ALLOWED ☐ YES ☒ NO

FINISH: ☒ LEAD-FREE HOT AIR LEVELING
☐ IMMERSION GOLD
☐ IMMERSION TIN
☐ SMOBC WITH SELECTIVE GOLD PLATING ON LANDS
☐ INDICATED. 1um GOLD OVER 5-10 um NICKEL

SOLDERMASK	DYNACHEM EPIC 200 LPI OR EQUIVALENT
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SOLDERMASK COLOR	GREEN HIGH GLOSS
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SILKSCREEN COLOR WHITE

ALL HOLES TO BE LOCATED BY THE COORDINATES FROM THE NC DRILL DATA PROVIDED.

USE ARTWORK SET NO. 05-80900 PCB REV A0

ALL UL LOGO, MANUFACTURER'S ID, AND DATE CODES SHALL BE PLACED ON THE BOTTOM SIDE UNLESS OTHERWISE INDICATED.

ANY ALTERNATIVES TO THE ABOVE SPECIFICATIONS MUST FIRST BE APPROVED.

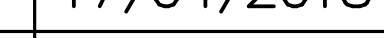
Symbol	Hit Count	Finished Hole Size	Plated	Hole Type
⊗	1	0.700mm (27.56mil)	PTH	Round
▼	9	0.305mm (12.01mil)	PTH	Round
▣	17	0.900mm (35.43mil)	PTH	Round
◎	34	0.250mm (9.84mil)	PTH	Round
	61 Total			

Layer	Name	Material	Thickness	Constant	Board Layer Stack
1	Top Overlay				
2	Top Solder	Solder Resist	0.010mm	3.5	
3	Top Layer	Copper	0.036mm		
4	Dielectric1	FR-4	1.500mm	4.8	
5	Bottom Layer	Copper	0.036mm		
6	Bottom Solder	Solder Resist	0.010mm	3.5	
7	Bottom Overlay				

ASSEMBLY NOTES:

1. ALL COMPONENTS SHALL BE RoHS COMPLIANT.
2. ALL UNUSED THROUGH HOLE COMPONENT LOCATIONS SHALL BE FREE OF SOLDER.
3. ALL COMPONENTS SHALL BE MOUNTED FLUSH TO THE BOARD, EXCEPT AS NOTED.
4. FINISHED BOARD SHALL BE FREE OF ALL RESIDUES.
5. ALL LEADS SHALL BE TRIMMED TO A MAXIMUM HEIGHT OF 2mm
6. PLACE LABEL (80900) ON THE LOCATION INDICATED.
- 7.



TITLE:		PART NUMBER: B-3009	
MGC3140 EVK BOARD			
PCB DESIGNER: Patrick Cassidy		GERBER FILE: Top Layer Assembly Drawing	
ENGINEER: Patrick Cassidy		BOARD NUMBER: 04-80900	DOCUMENT NUMBER: 04-80900-D
PCB FILE NAME: 80900.PcbDoc		LAYER NAME: FAB (M4)	REV: A0
			

MGC3140 EVK BOARD 80900-A0

