ASEK711, Board, EVB

85-0595-001-FAB
Originator: S. Upton

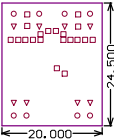**Layer Stack Up Detail for: 85-0595-001 R1.PCBDOC**

Layer Name	Gerber Document	Copper Thickness
Top Solder Mask	(.GTS)	
TopLayer	(.GTL)	2.8mil
BottomLayer	(.GBL)	2.8mil
Bottom Solder Mask	(.GBS)	

Mechanical Layer 1 *.gm1 is Board Outline, slots and circular cutouts
Mechanical Layer 2 *.gm2 is footprint notes (not for fab house)
Mechanical Layer 3 *.gm3 is hole location guide
Mechanical Layer 4 *.gm4 is board outline dimensions
Mechanical Layer 5 *.gm5 is topside labels (if no silk)
Mechanical Layer 6 *.gm6 is bottomside labels (if no silk)
Mechanical Layer 7 *.gm7 is FAB drawing notes
Mechanical Layer 8 and up are not for usage by PCB board house
*.gto and *.gbo are top and bottom layer silkscreen (aka overlay)
*.gts and *.gbs are top and bottom soldermask
*.drl is NC Drill
*.apr is aperature file
*.gpb and *.gpt are pad master layers, and are not used (ignore if in zip file)
Keepout layer *.gko is for internal usage only, and is not to be used by board house

FAB Drawing

1. Finished PCB is RoHS
2. Dimensions are in millimeters, unless otherwise noted.
3. Applicable Standards:
   3a. Manufacture in accordance to IPC-6011, IPC-6012.
   3b. UL Approved to a minimum catagory of 94V0.
4. Laminate:
   4a. Thickness: 0.062inch
   4b. Type: FR4
5. Copper:
   5a. Layer Count: 2
   5b. Exterior layers: 2oz
   5c. Interior layers: N/A
   5d. Plated through holes: plate to 1mil min copper thickness
   5e. Trace separation: 5mil
   5f. Trace min width: 10mil
6. Surface Finish:
   6a. Immersion Gold
   6b. This line left intentionally blank.
7. Soldermask:
   7a. Top/Bottom soldermask required
   7b. Soldermask color shall be green.
8. Silkscreen
   8a. Top/bottom silkscreen required.
   8b. Silkscreen color shall be white.
   8c. Min silkscreen line width: 6mil
   8d. Epoxy or acrylic ink allowed
9. Drill holes:
   9a. No blind or buried vias.
   9b. Hole sizes are specified after plating.
10. Mill separate or V-score according to mech1 (*.g1) layer.
11. Contact information:
    11a. Shawn Upton, supton@allegromicro.com, 603.626.2429
    11b. If fast turn board, 24hr contact info:
         Shawn Upton, 603.748.4650 (cell)

Rev 2
5/22/2012

24.500
20.000

Symbol	Hit Count	Tool Size	Plated	Hole Type
□	20	15mil (0.381mm)	PTH	Round
○	8	24mil (0.61mm)	PTH	Round
▽	8	36mil (0.914mm)	PTH	Round
	36 Total			