

## Comparison of critical dimensions of GLAST detectors (all dimensions in microns)

GLAST98 4"	~ 300 delivered	
	Along strips	Normal to strips
Outside edge:	64,000	64,000
Distance edge – Outside guard ring	605	758
Distance edge - Inside bias ring		
Distance edge – Active area	785	985
Active area		
# of strips		320
Pitch		194
GLAST98 6"	~ 230 delivered	
	Along strips	Normal to strips
Outside edge:	106,800	64,000
Distance edge – Outside guard ring	605	758
Distance edge - Inside bias ring		
Distance edge – Active area	785	985
Active area		
# of strips		320
Pitch		194
GLAST99	~ 35 delivered	
	Along strips	Normal to strips
Outside edge:	95,000	95,000
Distance edge – Outside guard ring	700	674
Distance edge - Inside bias ring	860	829
Distance edge – Active area	870	908
Active area	93260	93184
# of strips		448
Pitch		208
GLAST00	Proposed	
( Baseline 8.95cm square, 6chips)		
	Along strips	Normal to strips
Outside edge:	89,500	89,500
Distance edge – Outside guard ring	735	710
Distance edge - Inside bias ring	935	860
Distance edge – Active area	974	974
Active area	87552	87552
# of strips		384
Pitch		228