



September 27, 2006

PCN Number: 0619

PCN Change Level: Major

Subject: Process Change

Dear Customer

This notice is to inform you that Actel has enhanced the antifuse edge profile to improve alignment to increase product yield. Please note that the antifuse materials and structure will remain unchanged and there is no effect on the reliability of the antifuse. The products affected are listed in Table 1.

**Table 1: Affected Devices**

Device	Package	RoHS Compliant
AX125	CS180	
AX125	CSG180	✓
AX125	FG256	
AX125	FGG256	✓
AX125	FG324	
AX125	FGG324	✓
AX250	FG256	
AX250	FGG256	✓
AX250	FG484	
AX250	FGG484	✓
AX250	PQ208	
AX250	PQG208	✓
AX250	CQ208	
AX250	CQ352	
AX500	FG484	
AX500	FGG484	✓
AX500	FG676	
AX500	FGG676	✓
AX500	PQ208	
AX500	PQG208	✓
AX500	CQ208	
AX500	CQ352	
AX1000	FG484	



**Table 1: Affected Devices (Continued)**

Device	Package	RoHS Compliant
AX1000	FGG484	✓
AX1000	FG676	
AX1000	FGG676	✓
AX1000	BG729	
AX1000	BGG729	✓
AX1000	FG896	
AX1000	FGG896	✓
AX1000	CQ352	
AX1000	CG624	
AX1000	LG624	
AX2000	FG896	
AX2000	FGG896	✓
AX2000	FG676	
AX2000	FGG676	✓
AX2000	BG729	
AX2000	BGG729	✓
AX2000	FG896	
AX2000	FGG896	✓
AX2000	CQ352	
AX2000	CG624	
AX2000	LG624	

This change affects all temperature (C, I, and M) and speed grades (STD, -1, and -2).

The qualification report is FP-094, which will be available in November 2006. Samples in select packages will be available in October 2006.

This change is effective 90 days from the date of this PCN.

For questions, please contact Actel's Corporate Application hotline at [tech@actel.com](mailto:tech@actel.com).

Regards,

Actel Corporation