

**MICROCONTROLLER  
DIVISION**

**QUALITY &  
RELIABILITY**



**Reliability  
Monitoring  
2008**

# RELIABILITY MONITORING RESULTS ALL MICROCONTROLLER'S

**PERIOD : Q1/08 TO Q4/08**

## OPERATING LIFE TEST

24 Hrs	168 Hrs	504 Hrs	1008 Hrs
0/10309	1/3594	0/3594	0/3594

- **FAILURE RATE @ 55°C :** **1.6 FITs**  
(  $E_a = 0.7\text{eV}$ , 60% C.L.)

# LONG TERM RELIABILITY (FIT)

