

**MICROCONTROLLER
DIVISION**

**QUALITY &
RELIABILITY**

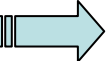






**QUALITY &
RELIABILITY
MISSION**

QUALITY & RELIABILITY MISSION

Total customer satisfaction through excellence
In quality and reliability for our products, processes
and services

MCD Strategy and Positioning: The Quality Highlights

- ❏ Excellence through state of the art Quality policy:
 - ❏ Systematic IP reuse  Proven functionality
 - ❏ Full scan, Parametric, Memory and Tight Guardbanding techniques for optimum test coverage  Over 99%
 - ❏ Qualification based on leading edge standards  JEDEC, AEC, IEC ...
- ❏ Stable Quality and Reliability ensured by the most advanced process control  Statistical Yield Analysis & Bin Limits...
- ❏ Extended assessments designed to offer best in class reliability guaranty  Memory Cycling, Over 40 years of Flash retention...
- ❏ The final customer perception is our ultimate satisfaction: Customer quality level in the 1ppm range, long term reliability below 3 FIT and average 8D response time below 2 weeks