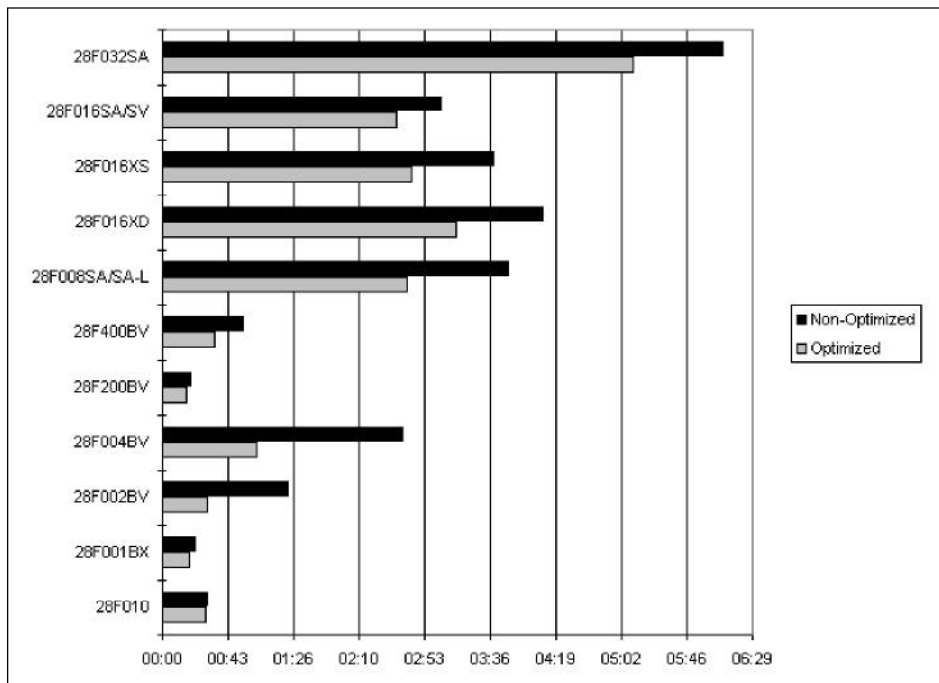# MCD Programmer Evaluation/Optimization Lab

- Objective: solve programmer problems at Intel - not in your factories
- Programmers used by you are under evaluation
- Evaluated programmers list available on our world wide web site
- Joint programming performance optimization with vendors

The Programmer Evaluation Lab is where Intel's Memory Components Division tests functionality of programmer hardware and software developed by Intel's programmer partners. Problems discovered during programmer testing are communicated to and resolved by Intel's programmer partners.

Intel works proactively to resolve programmer issues before product introductions. You are therefore assured of reliable programming support when you need it. Programming problems are discovered and resolved in the Programmer Evaluation Lab and not in your factories.

Testing is performed on the same industry-leading PROM programmers Intel's customers use to program Intel Flash memory. We test ~100 different flash memory device and package combinations on ~20 engineering and gang PROM programmers from geographies around the world. Data buffer operations, erase, program and program verify must successfully function with three different worst-case data patterns before a programmer is added to our Evaluated Programmer List.

A list of evaluated programmers is located on the Intel World Wide Web home page. Programmers and specific hardware that have passed Intel testing will be listed in the Flash "Programmers - Evaluated" section of the flash memory development tools area.

Intel also engages with programmer vendors to eliminate unnecessary programmer system hardware/software overhead and optimize flash memory program/erase performance. This effort results in greater throughput for you in both prototyping and production environments, increasing your efficiency and lowering your costs. The graphic above shows the results of our joint optimization work with one programmer vendor on a range of Intel Flash memory components.

INTEL FLASH MEMORY SUPPORTED:

28F010, 28F001BX, 28F020, 28F002BC, 28F002BL, 28F002BV, 28F002BX, 28F200BL, 28F200BV, 28F200BX, 28F200CV, 28F004BE, 28F004BL, 28F004BV, 28F004BX, 28F004SC, 28F400BL, 28F400BV, 28F400BX, 28F400CE, 28F400CV, 28F008BE, 28F008BV, 28F008SA, 28F008SC, 28F800BV, 28F800CE, 28F800CV, 28F016SA, 28F016SC, 28F016SV, 28F016XD, 28F016XS, 28F032SA

AVAILABILITY:

Now

CONTACT:

See Appendix C

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