

80-Pin Flash SIMMs

- A standard design with the reset pins of the flash components tied to on-board reset control
- Optional external reset control
- Optional on-board DC-DC conversion for V_{PP}

SMART is offering its family of 4, 8, 16, & 32 Mbyte standard Flash SIMMs with special on-board options that include, on-board active reset control, a DC-DC voltage converter, & external reset control.

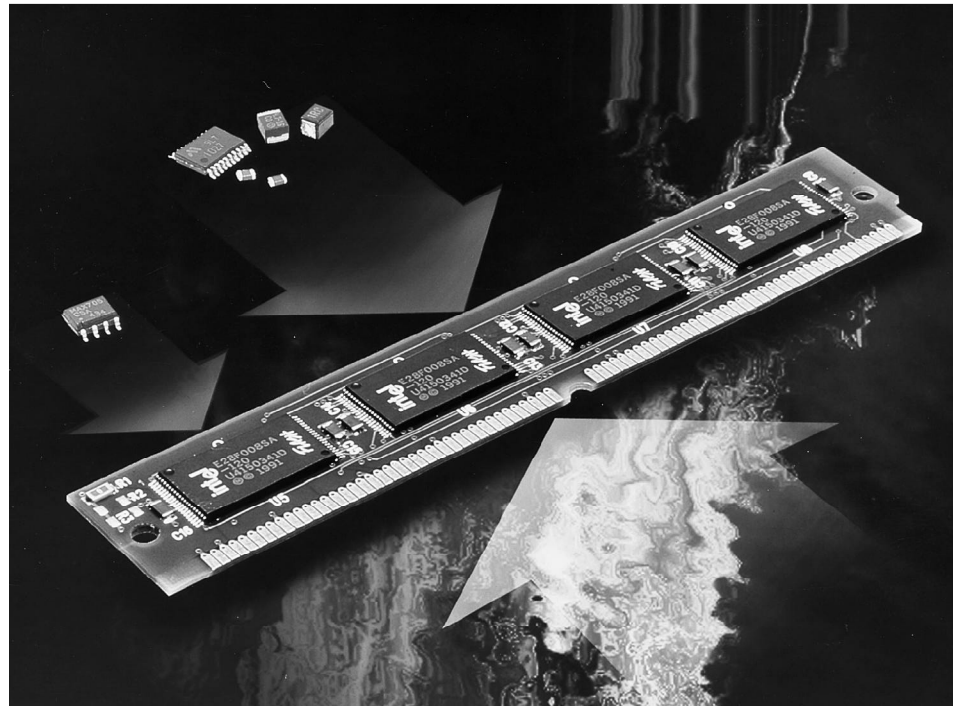
An optional on-board 5V-to-12V DC converter can be provided to generate the V_{PP} programming voltage for each of the flash chips.

SMART's optional on-board activity reset control protects high-density flash memory SIMMs from accidental writes and erasure during hot insertion.

Flash devices from Intel have a reset pin that is driven high on a Flash SIMM for normal operation. For the active reset control option, SMART connects this pin to a special controller chip which ensures that the Flash SIMM always powers up in the correct state during hot insertion.

Some users of flash memory can not switch their machines off at any time and therefore must do live insertions of specific application cards. Proper control of the reset signal ensures that the Flash SIMM comes up in intended modes during hot insertion into a system.

SMART's optional DC-DC voltage converter permits the use of 12V Flash SIMMs in machines that provide only 5V. Intel's Flash memories program and erase fastest with an applied 12V update voltage. Our on-board DC-DC converter converts the system's 5V to 12V for the V_{PP} programming pin.



These options, external reset control, active on-board reset control, and the 5V DC to 12V DC converter, are available now on any Flash SIMM made by SMART with 8-Mbit, 16-Mbit or 32-Mbit chips.

INTEL FLASH MEMORY
SUPPORTED:
28F004SC, 28F008SA, 28F008SC,
28F016SA, 28F016SC, 28F016SV,
28F032SA

AVAILABILITY:
Now

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