



PRESS RELEASE

32Mbit Flash Memory Combines Speed With Low Power Consumption

EON Silicon Solution's EN29LV320 is a 32Mbit erasable, read/write non-volatile flash memory that features fast access times and power consumption levels of less than 1 μ A in standby. Available from exclusive distributor Focus EDL, the new device can sustain a minimum of 100k program/erase cycles on each sector.

The EN29LV320 features single power supply (2.7 to 3.6V) operation to minimize system level power requirements, whilst access times as fast as 70ns eliminate the need for WAIT states in high performance microprocessor systems. Power consumption at 5MHz is typically 20mA in program/erase mode, 9mA in active read mode and less than 1 μ A in standby.

The new memory is designed to allow single sector (500ms typical) or full chip erase operation. Any byte can typically be programmed in just 8 μ s.

Fabricated using triple-metal, double-poly, triple-well CMOS technology, packaging options are 48-pin TSOP or 48 ball 6mm x 8mm FBGA and both commercial and industrial temperature rated devices are available.