



EDO & Fast Page Mode Asynchronous DRAM

► Long-term Commitment to Legacy DRAMs

ISSI now offers a new generation of 4Mbit and 16Mbit Extended Data Out (EDO) and Fast Page Mode (FPM) asynchronous DRAMs. These interface technologies have been available since the 1990s, but continue to be implemented in embedded products today. Although electronics system architectures tend to transition to more advanced memories over the years, a variety of applications require a long-term commitment of product support. This is especially true for industrial, automotive and networking applications, which often have production lifetimes of ten years or more. In 2012 and beyond, ISSI is continuing to re-invest in legacy DRAMs such as EDO and FPM in order to ensure long-term product availability for customers.

The 16Mbit EDO and Fast Page Mode DRAM are available in TSOP2 and SOJ packages. They are offered in either 3.3V or 5V supply voltage. A 4Mbit EDO and Fast Page Mode DRAM is now sampling. This product is available in TSOP2 package, and either 3.3V or 5V supply voltage.

► Features

- Extended Data-Out (EDO) or Fast Page Mode (FPM) option
- TTL compatible inputs and outputs
- Single power supply options:
5V ± 10%
3.3 ± 10%
- Refresh Mode: RAS-Only, CAS-before-RAS (CBR), and Hidden
- Byte Write and Byte Read operation via two CAS
- Industrial temperature range:
-40°C to +85°C
- RoHS compliant

3.3V Products

Part Number	Density	Config.	Type	Package	Availability
IS41LV16256C-35TLI	4Mb	x16	EDO	TSOP	Prod
IS41LV16257C-35TLI		x16	Fast Page	TSOP	Prod
IS41LV16100C-50TLI	16Mb	x16	EDO	TSOP	Prod
IS41LV16105C-50TLI		x16	Fast Page	TSOP	Prod
IS41LV16100C-50KLI		x16	EDO	SOJ	Prod
IS41LV16105C-50KLI		x16	Fast Page	SOJ	Prod

5V Products

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IS41C16105C-50TLI		x16	Fast Page	TSOP	Prod
IS41C16100C-50KLI		x16	EDO	SOJ	Prod
IS41C16105C-50KLI		x16	Fast Page	SOJ	Prod