



Long-term Support
World Class Quality



Pseudo SRAM

8Mb, 16Mb, 32Mb, 64Mb

ISSI is now in production of the 8Mb, 16Mb, 32Mb and 64Mb PSRAMs, the latest additions to our SRAM portfolio. Pseudo SRAMs provide a cost effective solution to a standard Ultra-Low Power SRAM socket.

Key Features

Density	8Mb, 16Mb, 32Mb, 64Mb
Standby Current (Typical)*	85µA
Operating Current (Typical)*	17mA
Packaging	BGA, KGD
Options	1.8V/3.3V Async/Page, CRAM 1.5
Temperature Support	0°C to +70°C Com -40°C to +85°C Ind/Auto
Status	Production

*Typical data for the 1.8V Async/Page option at 25°C, for 64Mb PSRAM



► Applications

- Mobile
- Industrial
- Automotive
- Telecom/Networking

Options Table

Den.	Org.	Vcc	VccQ	Part No. (I-Temp only)	Speed (ns)	PKG (# Pins)	Comment
8Mb	512Kbx16	1.7-1.95V	1.7-1.95V	IS66WV51216EALL	70	TSOP2(44), mBGA(48)	Standard Async
		2.5-3.6V	2.5-3.6V	IS66WV51216EBLL	60,70	TSOP2(44), mBGA(48)	Standard Async
		1.7-1.95V	1.7-1.95V	IS66WV51216EALL	60, 70	TFBGA(48)	Async/Page
		2.7-3.6V	2.7-3.6V	IS66WV51216EBLL	60, 70	TFBGA(48)	Async/Page
		1.7-1.95V	2.7-3.6V	IS66WV51216ECLL	60, 70	TFBGA(48)	Async/Page
16Mb	1Mbx16	1.7-1.95V	1.7-1.95V	IS66WV1M16EALL	70	TSOP2(44), mBGA(48)	Standard Async
		2.5-3.6V	2.5-3.6V	IS66WV1M16EBLL	60, 70	TSOP2(44), mBGA(48)	Standard Async
		1.7-1.95V	1.7-1.95V	IS66WV1M16EALL	60, 70	TFBGA(48)	Async/Page
		2.7-3.6V	2.7-3.6V	IS66WV1M16EBLL	60, 70	TFBGA(48)	Async/Page
		1.7-1.95V	2.7-3.6V	IS66WV1M16ECLL	60, 70	TFBGA(48)	Async/Page
		1.7-1.95V	1.7-1.95V	IS66WVC1M16EALL	70	VFBGA(54)	CRAM 1.5
		1.7-1.95V	2.7-3.6V	IS66WVC1M16ECLL	70	VFBGA(54)	CRAM 1.5
32Mb	2Mbx16	1.7-1.95V	1.7-1.95V	IS66WV2M16EALL	60, 70	TFBGA(48)	Async/Page
		2.7-3.6V	2.7-3.6V	IS66WV2M16EBLL	60, 70	TFBGA(48)	Async/Page
		1.7-1.95V	2.7-3.6V	IS66WV2M16ECLL	60, 70	TFBGA(48)	Async/Page
		1.7-1.95V	1.7-1.95V	IS66WVC2M16EALL	70	VFBGA(54)	CRAM 1.5
		1.7-1.95V	2.7-3.6V	IS66WVC2M16ECLL	70	VFBGA(54)	CRAM 1.5
64Mb	4Mbx16	1.7-1.95V	1.7-1.95V	IS66WV4M16EALL	60, 70	TFBGA(48)	Async/Page
		2.7-3.6V	2.7-3.6V	IS66WV4M16EBLL	60, 70	TFBGA(48)	Async/Page
		1.7-1.95V	2.7-3.6V	IS66WV4M16ECLL	60, 70	TFBGA(48)	Async/Page
		1.7-1.95V	1.7-1.95V	IS66WVC4M16EALL	70	VFBGA(54)	CRAM 1.5
		1.7-1.95V	2.7-3.6V	IS66WVC4M16ECLL	70	VFBGA(54)	CRAM 1.5