



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	-40°C to +105°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