

# ISSI SRAM

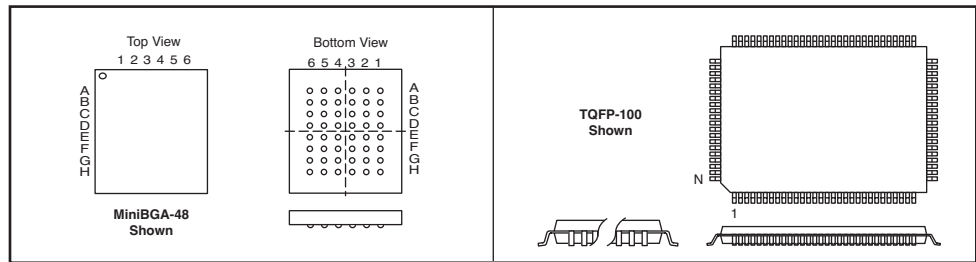


**This product is RoHS compliant.**

Integrated Silicon Solution, Inc. (ISSI), a technology leader, designs, develops and markets high performance integrated circuits for the following key markets: digital consumer electronics, networking, mobile communications and automotive electronics. Their primary products are high speed and low power SRAM and low & medium density DRAM. They also design and market EEPROM and Smartcards and are developing selected non-memory products focused on their key markets. They target high growth markets with low cost, high quality semiconductor products and seek to build long-term relationships with their customers. They have been a committed long-term supplier of memory products, including lower density and smaller volume products, even through periods of tight manufacturing capacity.

## STATIC RAMS, SURFACE MOUNT

Asynchronous SRAM is an electronic logic circuit in which logical operations are not performed under the control of a clock signal with the result that logic transitions do not occur (nominally) simultaneously. In Asynchronous SRAMs, transitions may follow one another with minimum delay but at some cost in circuit complexity and risk of incorrect operation. Synchronous SRAM is an electronic logic circuit to which logical operations are performed under the control of and hence in synchronism with an externally generated clock signal.



### Asynchronous SRAM

NEW FROM SUPPLIER

RoHS Compliant

#### Surface Mount Device

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	ISSI Part No.	Case Type	Density	Organization	Access Time (ns)	Temperature Range (°C)	Supply Voltage (V)	Price Each			
								1	25	100	500
<b>High Speed</b>											
◆ 870-IS61C256AL-12JLI	IS61C256AL-12JLI	SOJ-28	256K	32K x 8	12	- 40 to + 85	5	1.34	1.21	1.07	.94
◆ 870-IS61C256AL-12TLI	IS61C256AL-12TLI	TSOP I-28	256K	32K x 8	12	- 40 to + 85	5	1.34	1.21	1.07	.94
◆ 870IS61C1024AL12JLI	IS61C1024AL-12JLI	SOJ-32 (300mil)	1M	128K x 8	12	- 40 to + 85	5	2.60	2.34	2.08	1.82
◆ 870IS61C1024AL12KLI	IS61C1024AL-12KLI	SOJ-32 (400mil)	1M	128K x 8	12	- 40 to + 85	5	2.60	2.34	2.08	1.82
<b>Low Power</b>											
◆ 870-IS62C256AL-45ULI	IS62C256AL-45ULI	SOP-28	256K	32K x 8	45	- 40 to + 85	5	1.34	1.21	1.07	.94
◆ 870IS62C1024AL35QLI	IS62C1024AL-35QLI	SOP-32 (300mil)	1M	128K x 8	35	- 40 to + 85	5	2.60	2.34	2.08	1.82
◆ 870IS62C1024AL35TLI	IS62C1024AL-35TLI	TSOP I-32	1M	128K x 8	35	- 40 to + 85	5	2.60	2.34	2.08	1.82
<b>High Speed/Low Power</b>											
◆ 870-IS61LV256AL10JLI	IS61LV256AL-10JLI	SOJ-28	256K	32K x 8	10	- 40 to + 85	3.3	1.34	1.21	1.07	.94
◆ 870-IS61LV256AL10TLI	IS61LV256AL-10TLI	TSOP I-28	256K	32K x 8	10	- 40 to + 85	3.3	1.34	1.21	1.07	.94
◆ 870-IS61LV6416-10TL	IS61LV6416-10TL	TSOP II-44	1M	64K x 16	10	0 to 70	3.3	2.54	2.29	2.03	1.78
◆ 87061WV6416BLL12TLI	IS61WV6416BLL-12TLI	TSOP II-44	1M	64K x 16	12	- 40 to + 85	3.3	2.30	2.07	1.84	1.61
◆ 870-IS63LV1024L-12JL	IS63LV1024L-12JL	SOJ-32 (300mil)	1M	128K x 8	12	0 to 70	3.3	2.62	2.36	2.10	1.83
◆ 870IS61LV12816L10BLI	IS61LV12816L-10BLI	mBGA-48	2M	128K x 16	10	0 to 70	3.3	5.42	4.88	4.34	3.79
◆ 870IS61LV12816L10TL	IS61LV12816L-10TL	TSOP II-44	2M	128K x 16	10	0 to 70	3.3	4.96	4.46	3.97	3.47
◆ 87061LV25616AL10BLI	IS61LV25616AL-10BLI	mBGA-48	4M	256K x 16	10	- 40 to + 85	3.3	5.64	5.08	4.51	3.95
◆ 870IS61LV25616AL10TL	IS61LV25616AL-10TL	TSOP II-44	4M	256K x 16	10	0 to 70	3.3	5.28	4.75	4.22	3.70
◆ 87061LV25616AL10TLI	IS61LV25616AL-10TLI	TSOP II-44	4M	256K x 16	10	- 40 to + 85	3.3	5.50	4.95	4.40	3.85
◆ 870IS61LV5128AL10TLI	IS61LV5128AL-10TLI	TSOP II-44	4M	512K x 8	10	- 40 to + 85	3.3	5.50	4.95	4.40	3.85
<b>Powersaver™ Low Power</b>											
◆ 870IS62LV256AL45TLI	IS62LV256AL-45TLI	TSOP I-28	256K	32K x 8	45	0 to 70	3.3	1.34	1.21	1.07	.94
◆ 87062WV1288DBLL45HLI	IS62WV1288DBLL45HLI	sTSOP I-32	1M	128K x 8	45	- 40 to + 85	2.5 - 3.6	2.00	1.80	1.60	1.40
◆ 87062WV1288BLL55HLI	IS62WV1288BLL-55HLI	sTSOP I-32	1M	128K x 8	55	- 40 to + 85	2.5 - 3.6	2.00	1.80	1.60	1.40
◆ 87062WV1288BLL55TLI	IS62WV1288BLL-55TLI	TSOP I-32	1M	128K x 8	55	- 40 to + 85	2.5 - 3.6	2.20	1.98	1.76	1.54
◆ 87062WV12816BLL55TLI	IS62WV12816BLL-55TLI	TSOP II-44	2M	128K x 16	55	- 40 to + 85	2.5 - 3.6	3.00	2.70	2.40	2.10
◆ 87062WV2568BLL55TLI	IS62WV2568BLL-55TLI	TSOP I-32	2M	256K x 8	55	- 40 to + 85	2.5 - 3.6	3.08	2.77	2.46	2.16
◆ 87062WV25616BLL55BLI	IS62WV25616BLL-55BLI	mBGA-48	4M	256K x 16	55	- 40 to + 85	2.5 - 3.6	6.30	5.67	5.04	4.41
◆ 87062WV25616BLL55TLI	IS62WV25616BLL-55TLI	TSOP II-44	4M	256K x 16	55	- 40 to + 85	2.5 - 3.6	6.30	5.67	5.04	4.41
◆ 87062WV51216BLL55TLI	IS62WV51216BLL-55TLI	TSOP II-44	8M	512K x 16	55	- 40 to + 85	2.5 - 3.6	10.00	9.00	8.00	7.00

### Synchronous SRAM

RoHS Compliant

#### Surface Mount Device

For quantities of 1000 and up, call for quote.

MOUSER STOCK NO.	ISSI Part No.	Case Type	Density	Organization	Frequency (MHz)	Temperature Range (°C)	Supply Voltage (V)	Price Each			
								1	25	100	500
<b>Pipelined and Flow-Thru</b>											
◆ 870LPS12836A200QLI	IS61LPS12836A-200QLI	TQFP-100	4M	128K x 36	200	- 40 to + 85	3.3	10.80	9.72	8.64	7.56
◆ 870LPS25636A200QLI	IS61LPS25636A-200QLI	TQFP-100	8M	256K x 36	200	- 40 to + 85	3.3	20.00	18.00	16.00	14.00
<b>No-Wait</b>											
◆ 87061NLP51236200QLI	IS61NLP51236-200QLI	TQFP-100	18M	512K x 36	200	- 40 to + 85	3.3	30.00	27.00	24.00	21.00
◆ 87061NLP1024182QLI	IS61NLP102418-200QLI	TQFP-100	18M	1M x 18	200	- 40 to + 85	3.3	30.00	27.00	24.00	21.00

### Quad/DDR-II

These are ideal for networking applications and are compatible with QDR II™ products.

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								1	25	100	500
◆ 870-61QDB21M36250M3L	IS61QDB21M36-250M3L	BGA-165	36M	1M x 36	250	0 to 70	1.8	80.00	72.00	64.00	56.00
◆ 870-61QDB22M18250M3L	IS61QDB22M18-250M3L	BGA-165	36M	2M x 18	250	0 to 70	1.8	80.00	72.00	64.00	56.00

### Pseudo SRAM

This Pseudo SRAM product line is targeted for low power consumer, industrial, automotive, networking and telecom applications where a lower cost solution is required and a higher standby current can be accommodated.

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MOUSER STOCK NO.	ISSI Part No.	Case Type	Density	Organization	Access Time (ns)	Temperature Range (°C)	Supply Voltage (V)	Price Each			
								1	25	100	500
◆ 870-66WV25616B55BLI	IS66WV25616BLL-55BLI	mBGA-48	4M	256K x 16	55	0 to 70	3.3	2.60	2.34	2.08	1.82
◆ 870-66WV25616B55TLI	IS66WV25616BLL-55TLI	TSOP II-44	4M	256K x 16	55	0 to 70	3.3	2.40	2.16	1.92	1.68
◆ 870-66WV51216B55BLI	IS66WV51216BLL-55BLI	mBGA-48	8M	512K x 16	55	0 to 70	3.3	3.20	2.88	2.56	2.24
◆ 870-66WV51216B55TLI	IS66WV51216BLL-55TLI	TSOP II-44	8M	512K x 16	55	0 to 70	3.3	3.00	2.70	2.40	2.10

