ISSI推荐选型

ISSI是一家国际性的高科技公司，专门从事设计、开发、制造和销售高性能集成电路存储器，是北美最大的SRAM制造商之一。ISSI的核心产品包括高速、低功耗的SRAM；中、低容量的DRAM；EEPROM及其他集成电路存储器。

ISSI的产品结合了集成电路设计的尖端技术与先进的制造工艺,满足了半导体器件市场和客户在多元化连接性、可携带性和宽带方面的要求.

Synchronous SRAM

Density	Org	Part No.
Pipelined and Flowthrough Synchronous SRAM		
4Mb	128Kx32/36	IS61LF12836A
		IS61LPS12836A
	256Kx16/18	IS61LF25618A
		IS61LPS25618A
8Mb	256Kx36	IS61LF25636A
		IS61LPS25636A
		IS61VPS25636A
	512Kx18	IS61LPS51218A
		IS61LF51218A
18Mb	1Mx18	IS61LF102418A
		IS61LPS102418A
	512Kx36	IS61LPD51236A
		IS61LPS51236A
	256Kx72	IS61LPS25672A
No–Wait Synchronous SRAM		
4Mb	128Kx32/36	IS61NLF12836A
		IS61NLP12836B
	256Kx18	IS61NLP25618A
8Mb	256Kx36	IS61NLP25636A
		IS61NVP25636A
	512Kx18	IS61NLP51218A
		IS61NLF51218A
18Mb	1Mx18	IS61NLP102418
	512Kx36	IS61NLP51236
Automotive SRAM		
256K	32Kx8	IS65C256AL
1M	64Kx16	IS64WV6416BLL
1M	64Kx16	IS64C6416AL
2Mb	128Kx16	IS64WV12816DBLL
4Mb	256Kx16	IS64LV25616AL
4Mb	256Kx16	IS64WV25616BLL
8Mb	512Kx16	IS64LV51216
8Mb	512Kx16	IS64WV51216BLL

Dynamic RAM

Density	Org	Part No.
3.3V SDR (Single Data Rate) Synchronous DRAM		
16M	1Mx16	IS42S16100E
64M	4Mx16	IS42S16400F
	2Mx32	IS42S32200E
128M	16Mx8	IS42S81600E
	8Mx16	IS42S16800E
	4Mx32	IS42S32400E
256M	32Mx8	IS42S83200D
	16Mx16	IS42S16160C
	8Mx32	IS42S32800D
512M	32Mx16	IS42S16320B

Density	Org	Part No.
Commodity DRAM		
16M	1Mx16	IC42S16100E
64M	4Mx16	IC42S16400F
128M	8Mx16	IC43R16800E
256M	16Mx16	IC42S16160C

Asynchronous SRAM

Density	Org	Part No.
High Speed, 5V		
256K	32Kx8	IS61C256AL
1Mb	64Kx16	IS61C6416AL
	128Kx8	IS61C1024AL
4Mb	256kx16	IS61C25616AL
Low Power, 5V		
256K	32Kx8	IS62C256AL
1Mb	128Kx8	IS62C1024AL
High Speed, 3.3V		
256K	32Kx8	IS61LV256AL
1Mb	64Kx16	IS61LV6416
		IS61WV6416BLL
	128Kx8	IS63LV1024
		IS63LV1024L
		IS63WV1024BLL
2Mb	128Kx16	IS61LV12816L
	256Kx8	IS61LV2568L
4Mb	256Kx16	IS61LV25616AL
		IS61WV25616BLL
	512Kx8	IS61LV5128AL
		IS61WV5128BLL
8Mb	512Kx16	IS61LV51216
		IS61WV51216BLL
	1Mbx8	IS61WV10248BLL
16Mb	2Mbx8	IS61WV20488BLL
	1Mbx16	IS61WV102416BLL
Power Saver		
256K	32Kx8	IS62LV256AL
1Mb	64Kx16	IS62WV6416BLL
	128Kx8	IS62WV1288BLL
2Mb	128Kx16	IS62WV12816BLL
	256Kx8	IS62WV2568BLL
4Mb	256Kx16	IS62WV25616BLL
	512Kx8	IS62WV5128BLL
8Mb	512Kx16	IS62WV51216BLL
16Mb PSRAM	1Mbx16	IS62WV102416BLL

EEPROM Product Line

Part No.	Part Den	Org	Vcc	Speed (Mhz)
Microwire Serial EEPROM				
IS93C46A	1K	128x8/64x16	2.5V–5.5V	2
IS93C56A	2K	256x8/128x16	1.8V–5.5V	2
IS93C66A	4K	512x8/256x16	1.8V–5.5V	2
IS93C76A	8K	1Kx8/512x16	1.8V–5.5V	2
IS93C86A	16K	2Kx8/1Kx16	1.8V–5.5V	2
Two–Wire I²C Serial EEPROM				
IS24C01B	1K	128x8	1.8V–5.5V	400
IS24C02B		256x8	1.8V–5.5V	400
IS24C02C	2K	256x8	1.7V–3.6V	400
IS24C02D		256x8	1.8V–5.5V	400
IS24C04A	4K	512x8	1.8V–5.5V	400
IS24C08A	8K	1024x8	1.8V–5.5V	400
IS24C16A	16K	2Kx8	1.8V–5.5V	400
IS24C32C	32K	4Kx8	1.8V–5.5V	400
IS24C32A			1.8V–5.5V	400
IS24C64A	64K	8Kx8	1.8V–5.5V	400
IS24C128	128K	16Kx8	2.5V–5.5V	400
IS24C128B		16Kx8	1.8V –5.5V	400
IS24C256B	256K	32Kx8	2.5V–5.5V	400
SPI (Serial Peripheral Interface)EEPROM				
IS25C01	1K	128x8	1.8V–5.5V	5
IS25C02	2K	256x8	1.8V–5.5V	5
IS25C04	4K	512x8	1.8V–5.5V	5
IS25C08	8K	1Kx8	1.8V–5.5V	5
IS25C16	16K	2Kx8	1.8V–5.5V	5
IS25C32B	32K	4Kx8	1.8V–5.5V	10
IS25C64B	64K	8Kx8	1.8V–5.5V	5
IS25C128A	128K	16Kx8	1.8V–5.5V	2
IS25C256A	256K	32Kx8	2.5V–5.5V	2
Application Specific EEPROM				
IS93C46B	1K	64x16	2.5V–5.5V	2
IS34C02	2K	256x8	1.8V–5.5V	400
IS34C02B		256x8	1.7V–3.6V	400
IS24C32C	32K	4Kx8	1.8V–5.5V	400
Automotive Serial EEPROM				
IS93C46D	1K	128x8/64x16	2.5V–5.5V	3MHz
IS24C02D	2K	256x8	2.5V–5.5V	400KHz
IS24C08A	8K	1Kx8	2.5V–5.5V	400KHz
IS25C08		1Kx8	2.5V–5.5V	10MHz
IS93C76A		1Kx8/512x16	2.5V–5.5V	3MHz
IS24C16A	16K	2Kx8	2.5V–5.5V	400KHz
IS25C16		2Kx8	2.5V–5.5V	10MHz
IS93C86A		2Kx8/1Kx16	2.5V–5.5V	3MHz
IS24C32A	32K	4Kx8	2.5V–5.5V	400KHz
IS25C32B		4Kx8	2.5V–5.5V	10MHz
IS24C64A	64K	8Kx8	2.5V–5.5V	400KHz
IS25C64B		8Kx8	2.5V–5.5V	10MHz
IS24C128	128K	16Kx8	2.5V–5.5V	400KHz
IS24C256B	256K	32Kx8	2.5V– 5.5V	400KHz
IS25C256A		32Kx8	2.5V–5.5V	2MHz