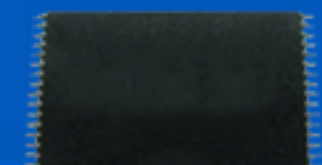


# Static Random Access Memory (SRAM)

| Density | Configuration | Power     | Speed (ns) |            | Package  |
|---------|---------------|-----------|------------|------------|--|
| 64K     | 8Kx8          | 2.7-5.5V  | 35/55/70   | Low power  | 28pin STSOP (8*13.4)/SOP/DIP                       |
| 256K    | 32Kx8         | 2.7-5.5V  | 35/55/70   | Low power  | 28pin STSOP (8*13.4)/SOP/DIP                       |
|         |               | 3.3V/5V   | 12/15/20   | High speed | 28pin STSOP (8*13.4)/SOJ                           |
| 1M      | 128Kx8        | 3.3V/5V   | 35/55/70   | Low power  | 32pin STSOP(8*13.4)/TSOP-I(8*20)/SOP/PDIP/Die      |
|         |               | 3.3V/5V   | 20/15/12   | High speed | 32pin STSOP(8*13.4)/TSOP-I(8*20)/SOJ               |
|         | 64Kx16        | 3.3V      | 35/55/70   | Low power  | 44pin TSOP-II, 48 ball BGA/Die                     |
|         |               | 3.3V      | 10/20      | High speed | 44pin TSOP-II, 48 Ball BGA                         |
| 2M      | 256Kx8        | 3.3V/5V   | 55/70      | Low power  | 32pin STSOP (8*13.4)/SOP/Die                       |
|         |               | 3.3V/5V   | 10/20      | High speed | 44pin TSOP-II                                      |
|         | 128Kx16       | 3.3V/5V   | 55/70      | Low power  | 44pin TSOP-II, 48 Ball BGA/Die                     |
|         |               | 3.3V/5V   | 10/20      | High speed | 44pin TSOP-II                                      |
| 4M      | 512Kx8        | 3.3V/5V   | 55/70      | Low power  | 32pin STSOP (8*13.4)/TSOP-I (8*20)/SOP/TSOP-II/Die |
|         |               | 3.3V/5V   | 8/10/20    | High speed | 44pin TSOP-II                                      |
|         | 256Kx16       | 3.3V/5V   | 55/70      | Low power  | 44pin TSOP-II/48 Ball BGA                          |
|         |               | 3.3V/5V   | 8/10/20    | High speed | 44pin TSOP-II                                      |
| 8M      | 1Mx8          | 3.3V/5V   | 55/70      | Low power  | 44pin TSOP-II/48 Ball BGA                          |
|         |               | 3.3V      | 8/10       | High speed | 44pin TSOP-II/48 Ball BGA                          |
|         | 512Kx16       | 3.3V/5V   | 55/70      | Low power  | 44pin TSOP-II/48 TSOP-I/ 48 Ball BGA               |
|         |               | 3.3V      | 8/10       | High speed | 44pin TSOP-II / 48 Ball BGA                        |
| 16M     | 2Mx8          | 3.3V/5V   | 70/55      | Low power  | 44pin TSOP-II                                      |
|         |               | 3.3V/1.8V | 10/15      | High speed | 44pin TSOP-II / 48 Ball BGA                        |
|         | 1Mx16         | 3.3V/5V   | 55/70      | Low power  | 48pin TSOP-I / 48 Ball BGA                         |
|         |               | 3.3V/1.8V | 10/15      | High speed | 48pin TSOP-I, 48 Ball BGA / 54pin TSOP-II          |
| 32M     | 4Mx8/2Mx16    | 3V        | 55         | Low power  | 48pin TSOP-I / 48 Ball BGA                         |
| 64M     | 8Mx8/4Mx16    | 3V        | 55         | Low power  | 48pin TSOP-I                                       |



28-pin (300mil) SOJ



32-pin (8mm x 13.4) sTSOP



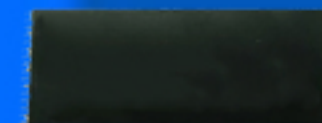
32-pin (300 mil) SOJ



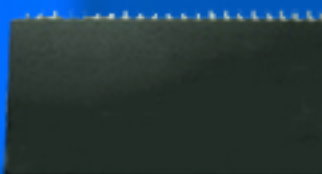
28-pin (330 mil) SOP



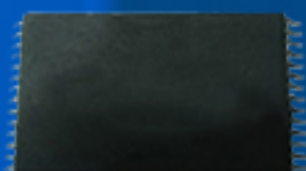
32-pin (450 mil) SOP



32-pin (8mm x 20mm) TSOP I



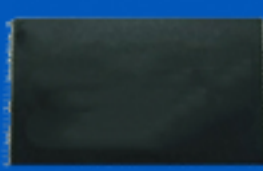
44Pin(400mil) TSOP II



28-pin (8mm x 13.4mm) sTSOP



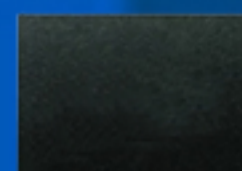
36-ball (6mm x 8mm) TFBGA



48-pin (12mm x 20mm) TSOP I



32-pin (400 mil) TSOP II



48-ball (8mm x 10mm) TFBGA

**PRODUCT :** ASYNCHRONOUS LOW POWER SRAM, HIGH SPEED SRAM, LOW PIN COUNT RAM  
**APPLICATIONS :** COMMUNICATION, INDUSTRIAL, MEDICAL, AUTOMOTIVE, DIGITAL CONSUMER/PC PERIPHERALS, AND IOT

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