

## THE NEW 5V - 1Mb SRAM

The New 1Mb SRAM Die has ramped up into production. There are two major strategic aspects of this new die introduction. The first and most important strategy is our long-term commitment to the 5V SRAM product family. The other aspect is our commitment to continuous improvement. The new 5V 1Mb die features much lower power characteristics.



	IS61C1024AL <i>128K x 8 High Speed</i>	IS62C1024AL <i>128K x 8 Low Power</i>	IS61C6416AL <i>64K x 16 High Speed</i>	Comments
<b>Technology</b>	0.15um <i>0.45um (old die)</i>	0.15um <i>0.45um (old die)</i>	0.15um <i>0.45um (old die)</i>	<b>Smaller Die Size</b>
<b>Standby Current</b>	450uA <i>40mA (old die)</i>	10uA <i>750uA (old die)</i>	400uA <i>15mA (old die)</i>	<b>Lower Current</b>
<b>Operating Current</b>	50mA <i>180mA (old die)</i>	35mA <i>110mA (old die)</i>	55mA <i>300mA (old die)</i>	<b>Lower Current</b>
<b>Packaging</b>	SOJ, TSOP	SOP, TSOP	SOJ, TSOP	<b>Drop in</b>
<b>Speed</b>	12ns	35ns	12ns	
<b>Temperature Support</b>	Industrial Automotive	Industrial Automotive	Industrial Automotive	
<b>Lead Free and Non-Lead Free</b>	YES	YES	YES	<b>RoHS Compliant</b>
<b>Status</b>	Production	Production	Production	

### Applications:

The device is used in a variety of applications including Industrial, Automotive, Telecom, and Networking.

*Customers using the existing die, need to migrate to the new die. In addition, we have to look for new sockets based on the new power consumption numbers.*

### ISSI Contact:

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