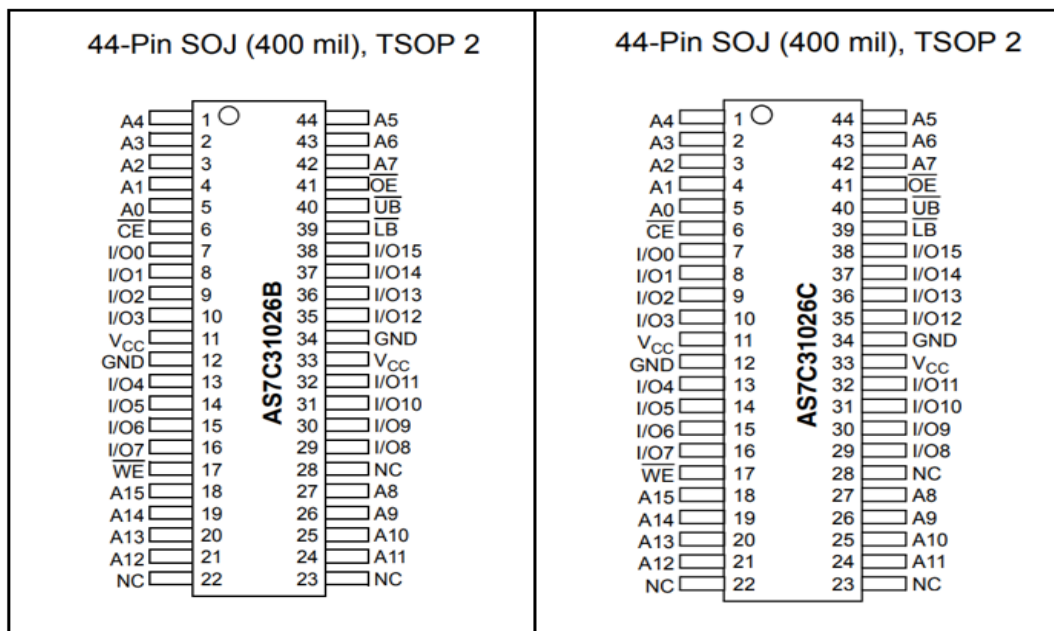


3.3V, 1Meg (64Kx16) Asynchronous SRAM

Comparison between AS7C31026B vs AS7C31026C



Part Number& result Parameter	AS7C31026B-12TxN	AS7C31026C -12TxN	Comparison Result
Density	1Meg (64Kx16)	1Meg (64Kx16)	same
Package	44pin TSOP2	44pin TSOP2	same
Operating Voltage	3.3V (+/-0.3V)	3.3V (+/-0.3V)	same
Operating Temperature	Commercial: 0C~70C Industrial: -40C to 85C	Commercial: 0C~70C Industrial: -40C to 85C	same
Address Access Time	12ns	12ns	same
Max. Operating Current	75mA	160mA	rev.B better
Standby Current ISB	25mA	45mA	rev.B better
Standby Current ISB1	5mA	10mA	rev.B better
Output Voltage VoH@-4mA	2.4V (Min)	2.4V (Min)	same
Output Voltage VoL@8mA	0.4V (Max)	0.4V (Max)	same
Input Voltage ViH (Min)	2.0V	2.0V	same
Input Voltage ViL (Max)	0.8V	0.8V	same
In/Out Pin Leakage	+/-1uA	+/-5uA	rev.B better
Absolute Max Ratings	5V	4.6V	comparable
Pin Capacitance	Cin=5pf, Cout=7pf	Cin=6pf, Cout=7pf	comparable
Pin to Pin Compatible	Yes	Yes	Same