

Product Change Notification

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The information below reflects a change that is being implemented.

Notice Date: 02/13/2002
Product Category: 24xxx
Notification Subject: Change #344_1 - 32K & 64K Serial EEPROM

Notification Body:
CCB #: 344-1

Microchip Part # (New):
See "Description of Change"

Microchip Part # (Old):
See "Description of Change"

Projected Ship Date of Revised Device:
4/1/02

Description of Change:
The I2C EEPROMs listed below will be moved from the current 121K (0.7 micron) fabrication process to the new 150K (0.5 micron) process. In order to continue receiving devices from the current 121K process, the revised part numbers listed below must be used. If an order is received using the current part numbers, the new devices from the 150K process will be shipped. The devices affected include all voltages, temperatures and packages of the following part numbers:

PART # (150K) REVISED PART # (121K)
24LC64-x/xx 24LC64-x/xxRVA
24AA64-x/xx 24AA64-x/xxRVA

PART # (150K) REVISED PART # (121K)
24LC32A-x/xx 24LC32A-x/xxRVB
24AA32A-x/xx 24AA32A-x/xxRVB

Impacts to Data Sheet:
The 8-lead MSOP and the 8-lead TSSOP package in a standard pinout configuration will be added.
The specification for 2.5 volt operation over the automotive temperature range will be added.
400 KHz operation at an operating voltage of 2.5 volts will be added.

Reason for Change:
To allow the addition of the MSOP and standard pinout TSSOP packages at these higher densities.

Markings to Distinguish Revised From Unrevised Devices: (e.g.: Date Code, Device Marking, Ship Container Marking)
NONE

Summary of Qualification Results:
Meets or exceeds all requirements of the Worldwide Quality Conformance Specification,
QCI-39000; including ESD, latchup, endurance, retention, and dynamic life testing.
24LC64 / 24AA64 : Report # C-0202124

24LC32A / 24AA32A : Report # C-0202521

Additional Comments:

Revised part numbers will give customers the option of ordering memory from the older process without interruption.