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Product Change Notification - CYER-27VPOP962

Date: 27 May 2010
Product Category: Memory
Device Family: 
Notification subject: CCB #759-6: Conversion of 24LC256, 24FC256 and 24AA256 product families to 160K technology
Notification text:

PCN Status:
Initial notification

Microchip Parts Affected:
See attachments of affected catalog part numbers (CPN) labeled as:
PCN_CYER-27VPOP962_Affected_CPN.xls
PCN_CYER-27VPOP962_Affected_CPN.pdf

Description of Change:
The serial EEPROMs listed will be moved from their current 150K (0.5 micron) fabrication process to the newer 160K (0.4 micron) process.

NOTE: Please be advised that during the transition period customers may receive products fabricated with the 150K process or 160K process until the 150K processed inventory is depleted.

NOTE: In order to receive products only fabricated with the 150K process please use the revised part number identified with RVE added to the end of the part number (see example below).

Standard Part Number / Revised Part Number (150K only)
24LC256-x/xx / 24LC256-x/xxRVE
24AA256-x/xx / 24AA256-x/xxRVE
24FC256-x/xx / 24FC256-x/xxRVE

Impacts to Data Sheet:
Endurance specified as page mode. See Section 6 of product data sheet DS21203 which states: "When doing a write of less than 64 bytes the data in the rest of the page is refreshed along with the data bytes being written. This will force the entire page to endure a write cycle; for this reason endurance is specified per page."

Reason for Change:
To improve manufacturability

Change Implementation Status:
In progress

Estimated First Ship Date(s):
July 1, 2010 (Date code: 1027)

Markings to Distinguish Revised From Unrevised Devices: (e.g.: Date Code, Device Marking, Ship Container Marking)
Traceability codes

Attachment(s): [PCN_CYER-27VPOP962_Affected_CPN.pdf](#)
[PCN_CYER-27VPOP962_Affected_CPN.xls](#)

Terms and Conditions:

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PCN#_CYER-27VPOP962
CATALOG_PART_NBR
24AA256-I/MS
24AA256-I/MSB31
24AA256-I/ST
24AA256-I/STG
24AA256T-I/MS
24AA256T-I/ST
24FC256-I/MS
24FC256T-I/MS
24LC256-E/MS
24LC256-I/MS
24LC256-I/MSG
24LC256-I/STA31
24LC256T-E/MS
24LC256T-I/MS
24LC256T-I/STA31
24AA256/SM
24AA256-I/MF
24AA256-I/MSG
24AA256-I/P
24AA256-I/PG
24AA256-I/SM
24AA256-I/SN
24AA256-I/SNG
24AA256T/SM
24AA256T-I/MF
24AA256T-I/SM
24AA256T-I/SMG
24AA256T-I/SN
24AA256T-I/SNG
24FC256-I/MF
24FC256-I/P
24FC256-I/SM
24FC256-I/SN
24FC256-I/ST
24FC256T-I/MF
24FC256T-I/SM
24FC256T-I/SN
24FC256T-I/ST
24LC256-E/MF
24LC256-E/P
24LC256-E/SM
24LC256-E/SN
24LC256-E/ST
24LC256-I/MF
24LC256-I/P
24LC256-I/PG
24LC256-I/SM
24LC256-I/SN
24LC256-I/ST

24LC256T-E/MF
24LC256T-E/SM
24LC256T-E/SN
24LC256T-E/ST
24LC256T-I/MF
24LC256T-I/SM
24LC256T-I/SMG
24LC256T-I/SN
24LC256T-I/ST
24LC256T-I/STG