ON Semiconductor

UPDATE CHANGE NOTIFICATION # 16361

Generic Copy

Issue Date: 16-Jul-2010

TITLE: Marking and Ordering Information Update for Gresham die based 2Kb I^{2}C Serial EEPROM Devices (CAT24C02)

PROPOSED FIRST SHIP DATE: 01 Aug 2010

AFFECTED CHANGE CATEGORY(S): CAT24C02, Gresham Die (all packages, all temperatures)

ADDITIONAL RELIABILITY DATA: **n/a**

SAMPLES: Contact your local ON Semiconductor Sales Office

FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:
Contact your local ON Semiconductor Sales Office or Denisa Stefan
<denisa.stefan@onsemi.com>

NOTIFICATION TYPE:

ON Semiconductor will consider this change approved unless specific conditions of acceptance are provided in writing within 30 days of receipt of this notice. To do so, contact <quality@onsemi.com>.

DESCRIPTION AND PURPOSE:

Marking Update:

Package marking for 2Kb I^{2}C Serial EEPROM devices fabricated with Gresham die (presently offered under OPNs terminated with 'A') will be updated, as compared to the format previously published in FPCN 16361, in order to align the marking for these devices to the improved marking format most recently announced for 4Kb to 64Kb I^{2}C devices fabricated with Gresham die (FPCN 16476). This marking update provides an easier identification of device, die revision and package, as requested by our customers.

The new marking shown in the attached Appendix will be used starting with date codes containing August, 2010.

Ordering Information update:

In addition, customers that have qualified Gresham die based devices will have a choice of ordering either under 'Gresham' OPN with 'A' suffix: e.g. CAT24C02WI-GT3A (FPCN#16361) or under the 'generic' OPN without 'A' suffix (e.g. CAT24C02WI-GT3).

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Appendix - Changed Part Identification

CAT24C02 Gresham die based package marking, before and after August 1st, 2010

List of symbols:

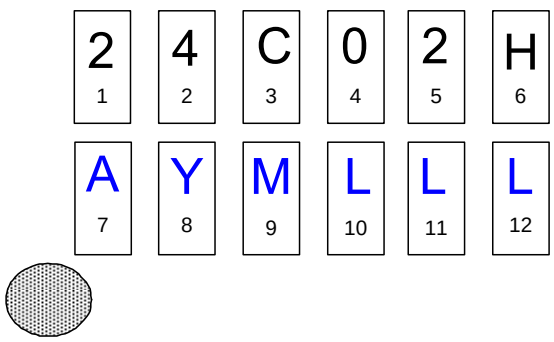
24C02H - device code for SOIC/PDIP
C1H / C02H - device code for TSSOP
C1 / C1T, C1U - device code for TDFN/UDFN/MSOP/TSOT

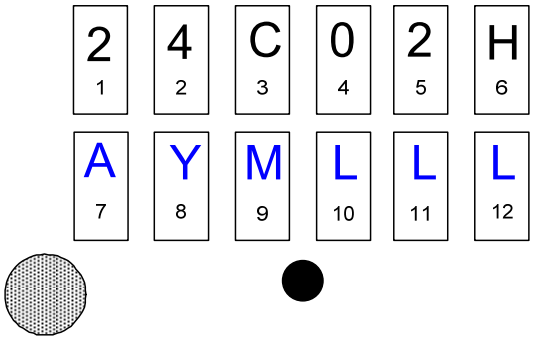
A – Assembly site code
LLL or LL - Lot number
Y - Production Year (1 digit)
M - Production Month (1 digit)
M - Code for production month and assembly location (underline, etc. for assembly location)

- Pb-Free microdot

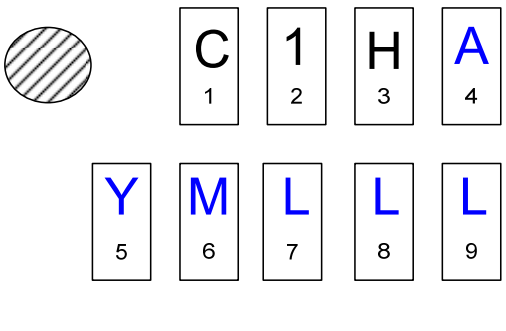
Before August, 2010 (FPCN#16361) **After August, 2010**

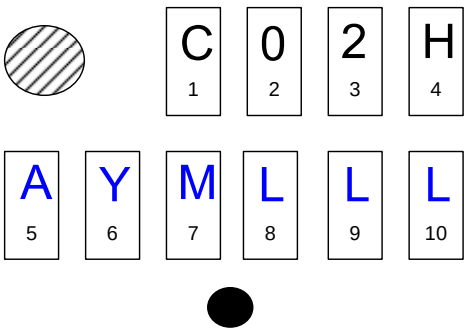
SOIC (W)





TSSOP (Y)





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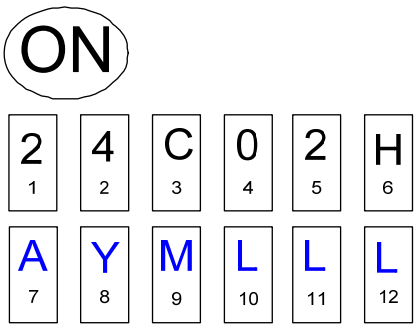
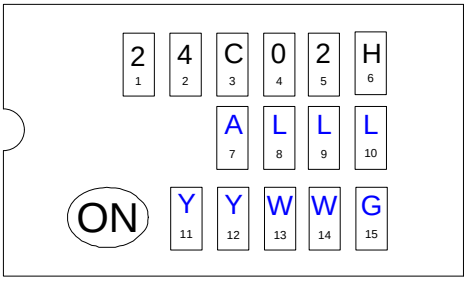
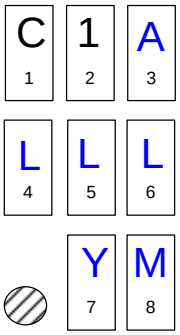
Before August, 2010 (FPCN#16361) **After August, 2010**

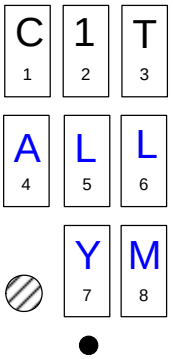
PDIP (L)



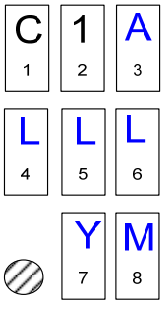


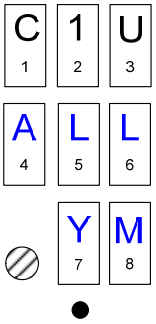
TDFN8 - 2x3 (VP2)





UDFN8 - 2x3 (HU4)





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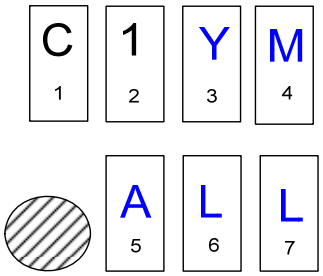
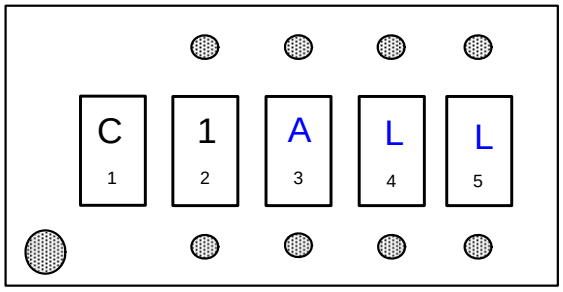
Before August, 2010 (FPCN#16361)

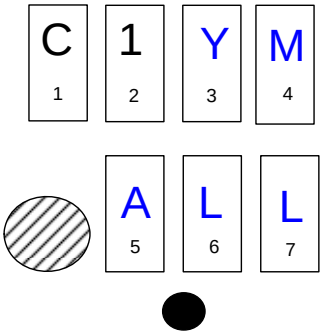
MSOP (Z)

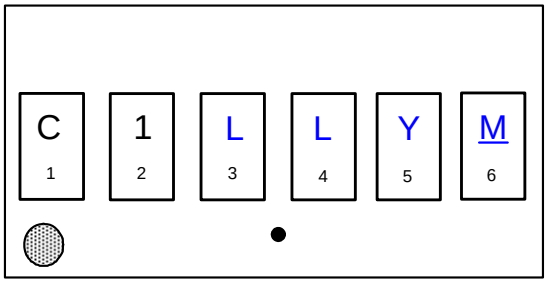


TSOT-23 (TD)



After August, 2010





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List of affected General Parts:

CAT24C02LI-G
CAT24C02LI-GA
CAT24C02WI-GT3
CAT24C02WI-GT3A
CAT24C02YI-GT3
CAT24C02YI-GT3A
CAT24C02VP2I-GT3
CAT24C02VP2IGT3A
CAT24C02ZI-GT3
CAT24C02ZI-GT3A
CAT24C02TDI-GT3
CAT24C02TDI-GT3A
CAT24C02LE-G
CAT24C02LE-GA
CAT24C02WE-GT3
CAT24C02WE-GT3A
CAT24C02YE-GT3
CAT24C02YE-GT3A
CAT24C02VP2E-GT3
CAT24C02VP2EGT3A
CAT24C02ZE-GT3
CAT24C02ZE-GT3A
CAT24C02TDE-GT3
CAT24C02TDE-GT3A
CAT24C02HU4IGT3A