



FINAL PRODUCT/PROCESS CHANGE NOTIFICATIONGeneric Copy

26 Sep 2007**SUBJECT: ON Semiconductor Final Product/Process Change Notification #16051****TITLE: DUAL SOURCING OF MC79xx and MC79Mxx DEVICES AT ONPY1 IN SLOVAKIA****PROPOSED FIRST SHIP DATE: 26 Dec 2007****AFFECTED CHANGE CATEGORY(S): ON SEMICONDUCTOR WAFER FAB SITE****AFFECTED PRODUCT DIVISION(S): ANALOG PRODUCTS****FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**Contact your local ON Semiconductor Sales Office or <Alan.garlington@onsemi.com>**SAMPLES:** Contact your local ON Semiconductor Sales Office or <Jaroslav.Supina@onsemi.com>**ADDITIONAL RELIABILITY DATA:** AvailableContact your local ON Semiconductor Sales Office or <Matt.Kas@onsemi.com>**NOTIFICATION TYPE:**

Final Product/Process Change Notification (FPCN)

Final change notification sent to customers. FPCNs are issued at least 90 days prior to implementation of the change.

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 your local ON Semiconductor Sales Office.

DESCRIPTION AND PURPOSE:

This is the Final PCN to notify customers of the intent to qualify and dual source specific devices currently being processed at the ON Semiconductor M1 wafer fab in the Czech Republic (ONCR) to the existing ON Semiconductor wafer fab in Piestany, Slovakia (ONPY1). Initial PCN number 15715 was published on 26 January 2007 announcing the intention to qualify the additional wafer fab. All qualification work has now been completed for the parts listed below. The ONPY1 Wafer Fab will be used to provide additional capacity for the products specified below. The existing design database currently in use at ONCR has been transferred to ONPY1 with no change to the functional circuit design. Full electrical characterization and bench analysis been performed on all devices transferred to ensure no change to device functionality or data sheet electrical specifications.

Samples of parts processed at this new wafer fab, are available upon request.

**Final Product/Process Change Notification #16051****RELIABILITY DATA SUMMARY:****Reliability Test Results: MC7905BTG – 1 lot**

Test	Conditions	Results 25C	Results 125C
High Temperature Op Life	Ta = 125 C; 504,1008 Hrs	0/77	0/77
AutoClave –	Ta = 121C; RH =100% ; 96 Hrs PSIG = 15	0/77	
Temp Cycle	-65C to +150C; 500 Cyc	0/77	0/77
ESD – Human Body Model - 2000v min.		Pass	
ESD – Machine Model - 200v min.		Pass	
Latch Up	Latch up Class I (25°C) LU+ >100mA/LU- >100mA	Pass	

ELECTRICAL CHARACTERISTIC SUMMARY:

No changes in electrical characterization; all product performance meets current datasheet specifications.

CHANGED PART IDENTIFICATION:

Part numbers affected by this change will have traceability date codes not prior to WW51-2007.

**Final Product/Process Change Notification #16051****AFFECTED DEVICE LIST**

MC7905.2CT
MC7905.2CTG
MC7905BD2T
MC7905BD2TG
MC7905BD2TR4
MC7905BD2TR4G
MC7905BT
MC7905BTG
MC7905CD2T
MC7905CD2TG
MC7905CD2TR4
MC7905CD2TR4G
MC7905CT
MC7905CTG
MC7906CD2T
MC7906CD2TG
MC7906CT
MC7906CTG
MC7908CD2T
MC7908CD2TG
MC7908CD2TR4
MC7908CD2TR4G
MC7908CT
MC7908CTG
MC7912BD2T
MC7912BD2TG
MC7912BD2TR4
MC7912BD2TR4G
MC7912BT
MC7912BTG
MC7912CD2T
MC7912CD2TG
MC7912CD2TR4
MC7912CD2TR4G
MC7912CT
MC7912CTG
MC7915BD2T
MC7915BD2TG
MC7915BT
MC7915BTG
MC7915CD2T
MC7915CD2TG
MC7915CD2TR4
MC7915CD2TR4G
MC7915CT
MC7915CTG
MC7918CT
MC7918CTG
MC7924BT
MC7924BTG
MC7924CD2T

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MC7924CD2TG
MC7924CT
MC7924CTG
MC79M05BDT
MC79M05BDTG
MC79M05BDTRK
MC79M05BDTRKG
MC79M05BT
MC79M05BTG
MC79M05CDT
MC79M05CDTG
MC79M05CDTRK
MC79M05CDTRKG
MC79M05CT
MC79M05CTG
MC79M08BDT
MC79M08BDTG
MC79M08BDTRK
MC79M08BDTRKG
MC79M08BT
MC79M08BTG
MC79M08CDT
MC79M08CDTG
MC79M08CDTRK
MC79M08CDTRKG
MC79M08CT
MC79M08CTG
MC79M12BDT
MC79M12BDTG
MC79M12BDTRK
MC79M12BDTRKG
MC79M12BT
MC79M12BTG
MC79M12CDT
MC79M12CDTG
MC79M12CDTRK
MC79M12CDTRKG
MC79M12CT
MC79M12CTG
MC79M15BDT
MC79M15BDTG
MC79M15BDTRK
MC79M15BDTRKG
MC79M15BT
MC79M15BTG
MC79M15CDT
MC79M15CDTG
MC79M15CDTRK
MC79M15CDTRKG
MC79M15CT
MC79M15CTG