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**UPDATE NOTIFICATION**  
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**01-Feb-2006**

**SUBJECT: ON Semiconductor Update Notification #15333**

**TITLE: Update Notification - #14235 Marking Type Change from Ink to Laser - ASECL**

**EFFECTIVE DATE: 01-Feb-2006**

**AFFECTED PRODUCT DIVISION: Analog & Logic Products**

**FOR ANY QUESTIONS CONCERNING THIS NOTIFICATION:**  
Contact your local ON Semiconductor sales office

**NOTIFICATION TYPE:**

ON Semiconductor considers this change approved unless specific conditions of acceptance are provided in writing. To do so, contact your local ON Semiconductor sales office.

**DESCRIPTION AND PURPOSE:**

This is an update notice to a previous Product Bulletin #14235 issued 29Jul2005. Pb Free devices were missed on the original notification and this Update Notice includes those Pb Free devices.

\*\*\*\*\* #14235 \*\*\*\*\*

ON Semiconductor is pleased to announce a quality improvement for 300 mil wide body SOIC packages manufactured at ASE, Chung Li. Effective work week 30 of 2005 laser marking will replace ink marking for all SOIC wide body packages with lead counts of 16, 20, or 24 leads.

Laser marking is already performed on other packages manufactured at ASE, Chung Li. No changes will occur in the device nomenclature or traceability formats.

**AFFECTED DEVICE LIST**

**PART**

- LM2574DW-ADJR2G
- MC100EL13DWG
- MC100EL13DWR2G
- MC100EL14DWG
- MC100EL14DWR2G
- MC100EL17DWG
- MC100EL17DWR2G
- MC100EL29DWG



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**AFFECTED DEVICE LIST**

**PART**

- MC100EL29DWR2G
- MC100EL30DWG
- MC100EL30DWR2G
- MC100EL38DWG
- MC100EL38DWR2G
- MC100EL39DWG
- MC100EL39DWR2G
- MC100EL56DWG
- MC100EL56DWR2G
- MC100EL59DWG
- MC100EL90DWG
- MC100EL90DWR2G
- MC100EL91DWG
- MC100EL91DWR2G
- MC100EP139DWG
- MC100EP139DWR2G
- MC100EP17DWG
- MC100EP17DWR2G
- MC100EP56DWG
- MC100EP56DWR2G
- MC100LVEL13DWG
- MC100LVEL13DWR2G
- MC100LVEL14DWG
- MC100LVEL14DWR2G
- MC100LVEL17DWG
- MC100LVEL17DWR2G
- MC100LVEL29DWG
- MC100LVEL29DWR2G
- MC100LVEL30DWG
- MC100LVEL30DWR2G
- MC100LVEL37DWG
- MC100LVEL37DWR2G
- MC100LVEL38DWG
- MC100LVEL38DWR2G
- MC100LVEL39DWG
- MC100LVEL39DWR2G
- MC100LVEL40DWG
- MC100LVEL40DWR2G
- MC100LVEL56DWG
- MC100LVEL56DWR2G
- MC100LVEL59DWG
- MC100LVEL59DWR2G
- MC100LVEL90DWG



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**AFFECTED DEVICE LIST**

**PART**

- MC100LVEL90DWR2G
- MC100LVEL91DWG
- MC100LVEL91DWR2G
- MC100LVEL92DWG
- MC100LVEL92DWR2G
- MC10EP139DWG
- MC10EP139DWR2G
- MC10EP17DWG
- MC10EP17DWR2G
- MC14046BDWG
- MC14046BDWR2G
- MC14067BDWG
- MC14067BDWR2G
- MC14099BDWG
- MC14099BDWR2G
- MC14490DWG
- MC14490DWR2G
- MC14511BDWR2G
- MC14514BDWR2G
- MC14515BDWR2G
- MC14517BDWG
- MC14517BDWR2G
- MC14518BDWG
- MC14518BDWR2G
- MC14520BDWG
- MC14520BDWR2G
- MC14526BDWG
- MC14526BDWR2G
- MC14536BDWG
- MC14536BDWR2G
- MC14538BDWG
- MC14538BDWR2G
- MC14549BDWR2G
- MC14557BDWG
- MC14557BDWR2G
- MC14559BDWR2G
- MC14569BDWG
- MC14569BDWR2G
- MC33023DWG
- MC33023DWR2G
- MC33025DWG
- MC33025DWR2G
- MC33030DWG



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**AFFECTED DEVICE LIST**

**PART**

- MC33030DWR2G
- MC33033DWG
- MC33033DWR2G
- MC33035DWG
- MC33035DWR2G
- MC33067DWG
- MC33067DWR2G
- MC33160DWG
- MC33160DWR2G
- MC33163DWG
- MC33163DWR2G
- MC33470DWG
- MC33470DWR2G
- MC33560DWR2G
- MC34025DWG
- MC34025DWR2G
- MC34067DWG
- MC34067DWR2G
- MC34160DWG
- MC34160DWR2G
- MC34163DWG
- MC34163DWR2G
- MC44603ADWG
- MC44603ADWR2G
- MC44603DWG
- MC44603DWR2G
- MC74AC240DWG
- MC74AC240DWR2G
- MC74AC244DWG
- MC74AC244DWR2G
- MC74AC245DWG
- MC74AC245DWR2G
- MC74AC273DWG
- MC74AC273DWR2G
- MC74AC373DWG
- MC74AC373DWR2G
- MC74AC374DWG
- MC74AC374DWR2G
- MC74AC377DWG
- MC74AC377DWR2G
- MC74AC540DWG
- MC74AC540DWR2G
- MC74AC541DWG



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**AFFECTED DEVICE LIST**

**PART**

- MC74AC541DWR2G
- MC74AC573DWG
- MC74AC573DWR2G
- MC74AC574DWG
- MC74AC574DWR2G
- MC74AC646DWG
- MC74AC646DWR2G
- MC74AC652DWR2G
- MC74ACT240DWG
- MC74ACT240DWR2G
- MC74ACT241DWG
- MC74ACT241DWR2G
- MC74ACT244DWG
- MC74ACT244DWR2G
- MC74ACT245DWG
- MC74ACT245DWR2G
- MC74ACT273DWG
- MC74ACT273DWR2G
- MC74ACT299DWG
- MC74ACT299DWR2G
- MC74ACT373DWG
- MC74ACT373DWR2G
- MC74ACT374DWG
- MC74ACT374DWR2G
- MC74ACT377DWG
- MC74ACT377DWR2G
- MC74ACT540DWG
- MC74ACT540DWR2G
- MC74ACT541DWG
- MC74ACT541DWR2G
- MC74ACT564DWR2G
- MC74ACT573DWG
- MC74ACT573DWR2G
- MC74ACT574DWG
- MC74ACT574DWR2G
- MC74ACT640DWG
- MC74ACT640DWR2G
- MC74ACT646DWG
- MC74ACT646DWR2G
- MC74ACT652DWG
- MC74ACT652DWR2G
- MC74HC240ADWG
- MC74HC240ADWR2G



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**AFFECTED DEVICE LIST**

**PART**

- MC74HC244ADWG
- MC74HC244ADWR2G
- MC74HC245ADWG
- MC74HC245ADWR2G
- MC74HC273ADWG
- MC74HC273ADWR2G
- MC74HC373ADWG
- MC74HC373ADWR2G
- MC74HC374ADWG
- MC74HC374ADWR2G
- MC74HC4051ADWG
- MC74HC4051ADWR2G
- MC74HC4052ADWG
- MC74HC4052ADWR2G
- MC74HC4053ADWG
- MC74HC4053ADWR2G
- MC74HC4851ADWR2G
- MC74HC540ADWG
- MC74HC540ADWR2G
- MC74HC541ADWG
- MC74HC541ADWR2G
- MC74HC573ADWG
- MC74HC573ADWR2G
- MC74HC574ADWG
- MC74HC574ADWR2G
- MC74HCT244ADWG
- MC74HCT245ADWG
- MC74HCT245ADWR2G
- MC74HCT273ADWG
- MC74HCT273ADWR2G
- MC74HCT373ADWG
- MC74HCT373ADWR2G
- MC74HCT374ADWG
- MC74HCT374ADWR2G
- MC74HCT541ADWG
- MC74HCT541ADWR2G
- MC74HCT573ADWG
- MC74HCT573ADWR2G
- MC74HCT574ADWG
- MC74HCT574ADWR2G
- MC74LCX240DWR2G
- MC74LCX244DWG
- MC74LCX244DWR2G



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**AFFECTED DEVICE LIST**

**PART**

- MC74LCX245DWG
- MC74LCX245DWR2G
- MC74LCX373DWR2G
- MC74LCX374DWR2G
- MC74LCX540DWR2G
- MC74LCX541DWG
- MC74LCX541DWR2G
- MC74LCX573DWG
- MC74LCX573DWR2G
- MC74LCX574DWR2G
- MC74LVX240DWR2G
- MC74LVX244DWR2G
- MC74LVX245DWR2G
- MC74LVX373DWR2G
- MC74LVX374DWR2G
- MC74LVX4245DWG
- MC74LVX4245DWR2G
- MC74LVX541DWG
- MC74LVX573DWR2G
- MC74LVX574DWR2G
- MC74LVXC3245DWRG
- MC74VHC240DWR2G
- MC74VHC244DWR2G
- MC74VHC245DWG
- MC74VHC245DWR2G
- MC74VHC373DWR2G
- MC74VHC374DWR2G
- MC74VHC540DWR2G
- MC74VHC541DWR2G
- MC74VHC573DWR2G
- MC74VHC574DWG
- MC74VHC574DWR2G
- MC74VHCT240ADWRG
- MC74VHCT244ADWRG
- MC74VHCT245ADWG
- MC74VHCT245ADWRG
- MC74VHCT373ADWRG
- MC74VHCT374ADWRG
- MC74VHCT541ADWG
- MC74VHCT541ADWRG
- MC74VHCT573ADWG
- MC74VHCT573ADWRG
- MC74VHCT574ADWG



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**AFFECTED DEVICE LIST**

**PART**

MC74VHCT574ADWRG  
MC75172BDWG  
MC75172BDWR2G  
MC75174BDWG  
MC75174BDWR2G  
NB100LVEP91DWG  
NB100LVEP91DWR2G  
NCP3163PWG  
NCP3163PWR2G  
NCS6415DWG  
NCS6415DWR2G  
NCS6416DWG  
NCS6416DWR2G  
NCV33033DWR2G  
NCV33035DWR2G  
NCV33163DWR2G  
NCV4949DWR2G  
NCV51411PWR2G  
NCV8501PDW100G  
NCV8501PDW100R2G  
NCV8501PDW25G  
NCV8501PDW25R2G  
NCV8501PDW33G  
NCV8501PDW33R2G  
NCV8501PDW50G  
NCV8501PDW50R2G  
NCV8501PDW80G  
NCV8501PDW80R2G  
NCV8501PDWADJG  
NCV8501PDWADJR2G  
NCV8502PDW100G  
NCV8502PDW100R2G  
NCV8502PDW25G  
NCV8502PDW25R2G  
NCV8502PDW33G  
NCV8502PDW33R2G  
NCV8502PDW50G  
NCV8502PDW50R2G  
NCV8502PDW80G  
NCV8502PDW80R2G  
NCV8502PDWADJG  
NCV8502PDWADJR2G  
NCV8503PW25G





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**AFFECTED DEVICE LIST**

**PART**

NCV8503PW25R2G  
NCV8503PW33G  
NCV8503PW33R2G  
NCV8503PW50G  
NCV8503PW50R2G  
NCV8503PWADJG  
NCV8503PWADJR2G  
NCV8504PW25G  
NCV8504PW25R2G  
NCV8504PW33G  
NCV8504PW33R2G  
NCV8504PW50G  
NCV8504PW50R2G  
NCV8504PWADJG  
NCV8504PWADJR2G  
NCV8509PDW18G  
NCV8509PDW18R2G  
NCV8509PDW25G  
NCV8509PDW25R2G  
NCV8509PDW26G  
NCV8509PDW26R2G  
NCV8518PWG  
NCV8518PWR2G  
NCV8842PWG  
NCV8842PWR2G  
NE5532DG  
NE5532DR2G  
NE570DG  
NE570DR2G  
NLVHC4051ADWR2G  
NLVHC4851ADWR2G  
NLVHC541ADWR2G  
NLVHCT244ADWR2G  
SA571DG  
SA571DR2G  
SA572DG  
SA572DR2G  
SA575DG  
SA575DR2G  
SC100LVEL14DWR2G  
SC33165ADWR2G  
SC79229DWR2G  
SC99572DR2G



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**AFFECTED DEVICE LIST**

**PART**

SCV33033DWR2G

SG3525ADWG

SG3525ADWR2G

TCA0372BDWR2G

TCA0372DWG

TCA0372DWR2G

TY40497DWG

TY40497DWR2G

TY40497SDWG

TY40497SDWR2G