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**FINAL PRODUCT/PROCESS CHANGE NOTIFICATION**

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**Issue Date: 30 October 2006**

**SUBJECT: ON Semiconductor Final Product/Process Change Notification #15667**

**TITLE: Qualification of OSPI for Assembly/Test of 16/20/24/28 Lead SOIC Wide Body Packages**

**PROPOSED FIRST SHIP DATE: 31-Dec-2006**

**AFFECTED CHANGE CATEGORY(S): ON Semiconductor Assembly & Test Site**

**AFFECTED PRODUCT DIVISION(S):**

MOS POWER PRODUCTS  
ANALOG PRODUCTS  
DISCRETE PRODUCTS  
LOGIC 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

**ADDITIONAL RELIABILITY DATA:** Available

Contact 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 60 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 Process Change Notice to IPCN 15621 available at [www.onsemi.com](http://www.onsemi.com) to notify customers of the capacity expansion of the ON Semiconductor assembly/test location at Carmona, Philippines (OSPI) for 16/20/24/28 lead Wide body SOIC packages. The devices listed on this FPCN have historically been assembled/tested at the ASE assembly/test facility located in Chung Li, Taiwan. At the expiration of this Final PCN, these devices may be processed at either location. This is not a transfer but a capacity expansion.

This is the first Final PCN of several planned. Devices will be qualified in phases with only those devices listed below affected by this FPCN.



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**RELIABILITY DATA SUMMARY:**

**Qualification Vehicles:**

A = 16 Lead Wide = CS49053DWR16G	3.00 x 3.30 mm Die Size	3 Lots
B = 20 Lead Wide = CS4121EDWF20	3.05 x 2.75 mm Die Size	3 Lots
C = 24 Lead Wide = CS61133DWF24	4.22 x 3.55 mm Die Size	3 Lots
D = 28 Lead Wide = CS68140DWF28	5.45 x 4.08 mm Die Size	3 Lots

**Reliability Test Results:**

Test	Conditions	Results			
		Group A	Group B	Group C	Group D
Preconditioning	3 pass@ 260C	0/693	0/693	0/693	0/693
Precond. Temp Cycle	-65 to +150      500 Cyc	0/231	0/231	0/231	0/231
Precond. HAST	Ta=130; RH 85%    96 Hrs PSIG = 18.8	0/231	0/231	0/231	0/231
Precond. Autoclave	Ta=121C; RH=      96 Hrs 100% ; PSIG=15	0/231	0/231	0/231	0/231
High Temp Bake	Ta = 150C            1008 Hrs	0/231	0/231	0/231	0/231
HTOL	Ta = 125C            1008 Hrs	0/231	0/231	0/231	0/231
Solder Heat	260C Immersion	0/90	0/90	0/90	0/90
Scanning Acoustic Tomography	Check for Delamination	0/15	0/15	0/15	0/15
Solderability	Ta = 245 C SnAgCu	0/45	0/45	0/45	0/45
Bond Pull	After 500 Temp Cycle 5 Units; 30 Bonds	0/15	0/15	0/15	0/15

All groups pass minimum of MSL 3 at 260 C

**ELECTRICAL CHARACTERISTIC SUMMARY:**

All qualification lots pass qualified at test after correlation exercise of test equipment and comparison of control and qualification lots.

**CHANGED PART IDENTIFICATION:**

All devices processed at the new OSPI location will have the location code "P" as part of the device traceability code.



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**AFFECTED DEVICE LIST**

**PART**

- 74FST3244DW
- 74FST3244DWR2
- 74FST3245DW
- 74FST3245DWR2
- 74FST3345DW
- 74FST3345DWR2
- 74FST3383DW
- 74FST3383DWR2
- 74FST3384DW
- 74FST3384DWR2
- 74FST3400DW
- 74FST3400DWR2
- 74FST3861DW
- 74FST3861DWR2
- 74FST6800DW
- 74FST6800DWR2
- CS1112YDWF24
- CS1112YDWFR24
- CS2001YDWF20
- CS2001YDWFR20
- CS2082EDW20
- CS2082EDWR20
- CS3524AGDW16
- CS3524AGDWR16
- CS3703DWR20
- CS41092DWF16
- CS41092DWFR16
- CS41113DWR16
- CS41129DWR16
- CS41143DWR28
- CS41154DWFR24
- CS4121EDWF20
- CS4121EDWF20G
- CS4121EDWFR20
- CS4121EDWFR20G
- CS4122XDWF24
- CS4122XDWF24G
- CS4122XDWFR24
- CS4122XDWFR24G
- CS4192XDWF16
- CS4192XDWF16G
- CS4192XDWFR16
- CS4192XDWFR16G
- CS43021DWR16
- CS43079DWFR20
- CS43141DWFR24
- CS43171DWFR16
- CS44042DWR16
- CS44114DWR16
- CS44114DWR16G
- CS45092DWFR16
- CS45093DWF16

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**AFFECTED DEVICE LIST**

**PART**

CS45093DWFR16  
CS48112DWR16  
CS49053DWR16  
CS49053DWR16G  
CS5112YDWF24  
CS5112YDWF24G  
CS5112YDWFR24  
CS5112YDWFR24G  
CS5165AGDW16  
CS5165AGDW16G  
CS5165AGDWR16  
CS5165AGDWR16G  
CS5165GDW16  
CS5165GDWR16  
CS5165HGDW16  
CS5165HGDWR16  
CS5166GDW16  
CS5166GDWR16  
CS5302GDW28  
CS5302GDWR28  
CS5303GDW28  
CS5303GDWR28  
CS5305GDW28  
CS5305GDWR28  
CS5308GDW28  
CS5308GDWR28  
CS5322GDW28  
CS5322GDWR28  
CS5323GDW20  
CS5323GDWR20  
CS5332GDW28  
CS5332GDWR28  
CS5422GDWF24  
CS61012DW28  
CS61012DWR28  
CS61133DWF24  
CS61133DWFR24  
CS61178DWR20  
CS68004DW16  
CS68004DWR16  
CS68004DWR16G  
CS68050DWR16  
CS68059DWFR24  
CS68110DWR24  
CS68122DWR24  
CS68140DWFR28  
CS69062DW16  
CS69062DWR16  
CS69124DWR16  
CS69132DWR28  
CS69142DWR16  
CS7054YDWR16  
CS8101YDWF20

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**PART**

CS8101YDWF20G  
CS8101YDWFR20  
CS8101YDWFR20G  
CS8129YDW16  
CS8129YDW16G  
CS8129YDWR16  
CS8129YDWR16G  
CS8140YDW24  
CS8140YDWR24  
CS8141YDW24  
CS8141YDWR24  
CS8151YDWF16  
CS8151YDWF16G  
CS8151YDWFR16  
CS8151YDWFR16G  
CS8183YDWF20  
CS8183YDWF20G  
CS8183YDWFR20  
CS8183YDWFR20G  
CS8190EDWF20  
CS8190EDWF20G  
CS8190EDWFR20  
CS8190EDWFR20G  
CS8191XDWF20  
CS8191XDWFR20  
CS8361YDWF16  
CS8361YDWF16G  
CS8361YDWFR16  
CS8361YDWFR16G  
CS9001DW16  
CS9001DWR16  
CS92404BDW16  
CS92404BDWR16  
CS92404BDWR16G  
LM2574DW-ADJ  
LM2574DW-ADJR2  
LM2574DW-ADJR2G  
MC100EL13DW  
MC100EL13DWG  
MC100EL13DWR2  
MC100EL13DWR2G  
MC100EL14DW  
MC100EL14DWG  
MC100EL14DWR2  
MC100EL14DWR2G  
MC100EL17DW  
MC100EL17DWG  
MC100EL17DWR2  
MC100EL17DWR2G  
MC100EL29DW  
MC100EL29DWG  
MC100EL29DWR2  
MC100EL29DWR2G

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**PART**

- MC100EL30DW
- MC100EL30DWG
- MC100EL30DWR2
- MC100EL30DWR2G
- MC100EL38DW
- MC100EL38DWG
- MC100EL38DWR2
- MC100EL38DWR2G
- MC100EL39DW
- MC100EL39DWG
- MC100EL39DWR2
- MC100EL39DWR2G
- MC100EL56DW
- MC100EL56DWG
- MC100EL56DWR2
- MC100EL56DWR2G
- MC100EL59DW
- MC100EL59DWG
- MC100EL90DW
- MC100EL90DWG
- MC100EL90DWR2
- MC100EL90DWR2G
- MC100EL91DW
- MC100EL91DWG
- MC100EL91DWR2
- MC100EL91DWR2G
- MC100EP139DW
- MC100EP139DWG
- MC100EP139DWR2
- MC100EP139DWR2G
- MC100EP17DW
- MC100EP17DWG
- MC100EP17DWR2
- MC100EP17DWR2G
- MC100EP56DW
- MC100EP56DWG
- MC100EP56DWR2
- MC100EP56DWR2G
- MC100EP91DW
- MC100EP91DWG
- MC100EP91DWR2
- MC100EP91DWR2G
- MC100LVEL13DW
- MC100LVEL13DWG
- MC100LVEL13DWR2
- MC100LVEL13DWR2G
- MC100LVEL14DW
- MC100LVEL14DWG
- MC100LVEL14DWR2
- MC100LVEL14DWR2G
- MC100LVEL17DW
- MC100LVEL17DWG
- MC100LVEL17DWR2

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**PART**

MC100LVEL17DWR2G  
MC100LVEL29DW  
MC100LVEL29DWG  
MC100LVEL29DWR2  
MC100LVEL29DWR2G  
MC100LVEL30DW  
MC100LVEL30DWG  
MC100LVEL30DWR2  
MC100LVEL30DWR2G  
MC100LVEL37DW  
MC100LVEL37DWG  
MC100LVEL37DWR2  
MC100LVEL37DWR2G  
MC100LVEL38DW  
MC100LVEL38DWG  
MC100LVEL38DWR2  
MC100LVEL38DWR2G  
MC100LVEL39DW  
MC100LVEL39DWG  
MC100LVEL39DWR2  
MC100LVEL39DWR2G  
MC100LVEL40DW  
MC100LVEL40DWG  
MC100LVEL40DWR2  
MC100LVEL40DWR2G  
MC100LVEL56DW  
MC100LVEL56DWG  
MC100LVEL56DWR2  
MC100LVEL56DWR2G  
MC100LVEL59DW  
MC100LVEL59DWG  
MC100LVEL59DWR2  
MC100LVEL59DWR2G  
MC100LVEL90DW  
MC100LVEL90DWG  
MC100LVEL90DWR2  
MC100LVEL90DWR2G  
MC100LVEL91DW  
MC100LVEL91DWG  
MC100LVEL91DWR2  
MC100LVEL91DWR2G  
MC100LVEL92DW  
MC100LVEL92DWG  
MC100LVEL92DWR2  
MC100LVEL92DWR2G  
MC10EP139DW  
MC10EP139DWG  
MC10EP139DWR2  
MC10EP139DWR2G  
MC10EP17DW  
MC10EP17DWG  
MC10EP17DWR2  
MC10EP17DWR2G

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**PART**

- MC14046BDW
- MC14046BDWG
- MC14046BDWR2
- MC14046BDWR2G
- MC14067BDW
- MC14067BDWG
- MC14067BDWR2
- MC14067BDWR2G
- MC14099BDW
- MC14099BDWG
- MC14099BDWR2
- MC14099BDWR2G
- MC14490DW
- MC14490DWG
- MC14490DWR2
- MC14490DWR2G
- MC14511BDW
- MC14511BDWR2
- MC14511BDWR2G
- MC14514BDW
- MC14514BDWR2
- MC14514BDWR2G
- MC14515BDW
- MC14515BDWR2
- MC14515BDWR2G
- MC14517BDW
- MC14517BDWG
- MC14517BDWR2
- MC14517BDWR2G
- MC14518BDW
- MC14518BDWG
- MC14518BDWR2
- MC14518BDWR2G
- MC14520BDW
- MC14520BDWG
- MC14520BDWR2
- MC14520BDWR2G
- MC14526BDW
- MC14526BDWG
- MC14526BDWR2
- MC14526BDWR2G
- MC14536BDW
- MC14536BDWG
- MC14536BDWR2
- MC14536BDWR2G
- MC14538BDW
- MC14538BDWG
- MC14538BDWR2
- MC14538BDWR2G
- MC14549BDWR2
- MC14549BDWR2G
- MC14553BDW
- MC14557BDW

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**PART**

- MC14557BDWG
- MC14557BDWR2
- MC14557BDWR2G
- MC14559BDWR2
- MC14559BDWR2G
- MC14569BDW
- MC14569BDWG
- MC14569BDWR2
- MC14569BDWR2G
- MC33023DW
- MC33023DWG
- MC33023DWR2
- MC33023DWR2G
- MC33025DW
- MC33025DWG
- MC33025DWR2
- MC33025DWR2G
- MC33030DW
- MC33030DWG
- MC33030DWR2
- MC33030DWR2G
- MC33033DW
- MC33033DWG
- MC33033DWR2
- MC33033DWR2G
- MC33035DW
- MC33035DWG
- MC33035DWR2
- MC33035DWR2G
- MC33065DW-H
- MC33065DW-L
- MC33067DW
- MC33067DWG
- MC33067DWR2
- MC33067DWR2G
- MC33157DW
- MC33160DW
- MC33160DWG
- MC33160DWR2
- MC33160DWR2G
- MC33163DW
- MC33163DWG
- MC33163DWR2
- MC33163DWR2G
- MC33470DW
- MC33470DWG
- MC33470DWR2
- MC33470DWR2G
- MC33560ADW
- MC33560ADWR2
- MC33560DW
- MC33560DWR2
- MC33560DWR2G

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**PART**

- MC34025DW
- MC34025DWG
- MC34025DWR2
- MC34025DWR2G
- MC34065DW-L
- MC34067DW
- MC34067DWG
- MC34067DWR2
- MC34067DWR2G
- MC34084DW
- MC34084DWR2
- MC34160DW
- MC34160DWG
- MC34160DWR2
- MC34160DWR2G
- MC34163DW
- MC34163DWG
- MC34163DWR2
- MC34163DWR2G
- MC44603ADW
- MC44603ADWG
- MC44603ADWR2
- MC44603ADWR2G
- MC44603DW
- MC44603DWG
- MC44603DWR2
- MC44603DWR2G
- MC74AC240DW
- MC74AC240DWG
- MC74AC240DWR2
- MC74AC240DWR2G
- MC74AC244DW
- MC74AC244DWG
- MC74AC244DWR2
- MC74AC244DWR2G
- MC74AC245DW
- MC74AC245DWG
- MC74AC245DWR2
- MC74AC245DWR2G
- MC74AC273DW
- MC74AC273DWG
- MC74AC273DWR2
- MC74AC273DWR2G
- MC74AC299DW
- MC74AC299DWR2
- MC74AC373DW
- MC74AC373DWG
- MC74AC373DWR2
- MC74AC373DWR2G
- MC74AC374DW
- MC74AC374DWG
- MC74AC374DWR2
- MC74AC374DWR2G

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**PART**

- MC74AC377DW
- MC74AC377DWG
- MC74AC377DWR2
- MC74AC377DWR2G
- MC74AC540DW
- MC74AC540DWG
- MC74AC540DWR2
- MC74AC540DWR2G
- MC74AC541DW
- MC74AC541DWG
- MC74AC541DWR2
- MC74AC541DWR2G
- MC74AC573DW
- MC74AC573DWG
- MC74AC573DWR2
- MC74AC573DWR2G
- MC74AC574DW
- MC74AC574DWG
- MC74AC574DWR2
- MC74AC574DWR2G
- MC74AC646DW
- MC74AC646DWG
- MC74AC646DWR2
- MC74AC646DWR2G
- MC74AC652DWR2
- MC74AC652DWR2G
- MC74ACT240DW
- MC74ACT240DWG
- MC74ACT240DWR2
- MC74ACT240DWR2G
- MC74ACT241DW
- MC74ACT241DWG
- MC74ACT241DWR2
- MC74ACT241DWR2G
- MC74ACT244DW
- MC74ACT244DWG
- MC74ACT244DWR2
- MC74ACT244DWR2G
- MC74ACT245DW
- MC74ACT245DWG
- MC74ACT245DWR2
- MC74ACT245DWR2G
- MC74ACT273DW
- MC74ACT273DWG
- MC74ACT273DWR2
- MC74ACT273DWR2G
- MC74ACT299DW
- MC74ACT299DWG
- MC74ACT299DWR2
- MC74ACT299DWR2G
- MC74ACT373DW
- MC74ACT373DWG
- MC74ACT373DWR2

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**PART**

- MC74ACT373DWR2G
- MC74ACT374DW
- MC74ACT374DWG
- MC74ACT374DWR2
- MC74ACT374DWR2G
- MC74ACT377DW
- MC74ACT377DWG
- MC74ACT377DWR2
- MC74ACT377DWR2G
- MC74ACT540DW
- MC74ACT540DWG
- MC74ACT540DWR2
- MC74ACT540DWR2G
- MC74ACT541DW
- MC74ACT541DWG
- MC74ACT541DWR2
- MC74ACT541DWR2G
- MC74ACT564DWR2
- MC74ACT564DWR2G
- MC74ACT573DW
- MC74ACT573DWG
- MC74ACT573DWR2
- MC74ACT573DWR2G
- MC74ACT574DW
- MC74ACT574DWG
- MC74ACT574DWR2
- MC74ACT574DWR2G
- MC74ACT640DW
- MC74ACT640DWG
- MC74ACT640DWR2
- MC74ACT640DWR2G
- MC74ACT646DW
- MC74ACT646DWG
- MC74ACT646DWR2
- MC74ACT646DWR2G
- MC74ACT652DW
- MC74ACT652DWG
- MC74ACT652DWR2
- MC74ACT652DWR2G
- MC74HC240ADW
- MC74HC240ADWG
- MC74HC240ADWR2
- MC74HC240ADWR2G
- MC74HC244ADW
- MC74HC244ADWG
- MC74HC244ADWR2
- MC74HC244ADWR2G
- MC74HC245ADW
- MC74HC245ADWG
- MC74HC245ADWR2
- MC74HC245ADWR2G
- MC74HC273ADW
- MC74HC273ADWG

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**PART**

- MC74HC273ADWR2
- MC74HC273ADWR2G
- MC74HC373ADW
- MC74HC373ADWG
- MC74HC373ADWR2
- MC74HC373ADWR2G
- MC74HC374ADW
- MC74HC374ADWG
- MC74HC374ADWR2
- MC74HC374ADWR2G
- MC74HC4051ADW
- MC74HC4051ADWG
- MC74HC4051ADWR2
- MC74HC4051ADWR2G
- MC74HC4051DW
- MC74HC4052ADW
- MC74HC4052ADWG
- MC74HC4052ADWR2
- MC74HC4052ADWR2G
- MC74HC4053ADW
- MC74HC4053ADWG
- MC74HC4053ADWR2
- MC74HC4053ADWR2G
- MC74HC4851ADWR2
- MC74HC4851ADWR2G
- MC74HC540ADW
- MC74HC540ADWG
- MC74HC540ADWR2
- MC74HC540ADWR2G
- MC74HC541ADW
- MC74HC541ADWG
- MC74HC541ADWR2
- MC74HC541ADWR2G
- MC74HC573ADW
- MC74HC573ADWG
- MC74HC573ADWR2
- MC74HC573ADWR2G
- MC74HC574ADW
- MC74HC574ADWG
- MC74HC574ADWR2
- MC74HC574ADWR2G
- MC74HCT244ADW
- MC74HCT244ADWG
- MC74HCT244ADWR2
- MC74HCT244ADWR2G
- MC74HCT245ADW
- MC74HCT245ADWG
- MC74HCT245ADWR2
- MC74HCT245ADWR2G
- MC74HCT273ADW
- MC74HCT273ADWG
- MC74HCT273ADWR2
- MC74HCT273ADWR2G

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**PART**

MC74HCT373ADW  
MC74HCT373ADWG  
MC74HCT373ADWR2  
MC74HCT373ADWR2G  
MC74HCT374ADW  
MC74HCT374ADWG  
MC74HCT374ADWR2  
MC74HCT374ADWR2G  
MC74HCT541ADW  
MC74HCT541ADWG  
MC74HCT541ADWR2  
MC74HCT541ADWR2G  
MC74HCT573ADW  
MC74HCT573ADWG  
MC74HCT573ADWR2  
MC74HCT573ADWR2G  
MC74HCT574ADW  
MC74HCT574ADWG  
MC74HCT574ADWR2  
MC74HCT574ADWR2G  
MC75172BDW  
MC75172BDWG  
MC75172BDWR2  
MC75172BDWR2G  
MC75174BDW  
MC75174BDWG  
MC75174BDWR2  
MC75174BDWR2G  
NB100LVEP91DW  
NB100LVEP91DWG  
NB100LVEP91DWR2  
NB100LVEP91DWR2G  
NCP3163A0  
NCP3163BPWG  
NCP3163BPWR2G  
NCP3163PWG  
NCP3163PWR2G  
NCP5306DW  
NCP5322ADW  
NCP5322ADWR2  
NCP5332ADW  
NCP5332ADWR2  
NCS6415A0  
NCS6415DWG  
NCS6415DWR2G  
NCS6416A0  
NCS6416DWG  
NCS6416DWR2G  
NCV2574DW-ADJR2  
NCV2574DW-ADJR2G  
NCV3163PWG  
NCV3163PWR2G  
NCV33033DWR2

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**PART**

NCV33033DWR2G  
NCV33035DWR2  
NCV33035DWR2G  
NCV33163DWR2  
NCV33163DWR2G  
NCV4269DW  
NCV4269DWG  
NCV4269DWR2  
NCV4269DWR2G  
NCV4279BDW  
NCV4279BDWG  
NCV4279BDWR2  
NCV4279BDWR2G  
NCV4949DWR2  
NCV4949DWR2G  
NCV51411PWR2  
NCV51411PWR2G  
NCV7001DW  
NCV7001DWG  
NCV7001DWR2  
NCV7001DWR2G  
NCV7701DW  
NCV7701DWG  
NCV7701DWR2  
NCV7701DWR2G  
NCV7702BDWG  
NCV7702BDWR2G  
NCV7702DWR2G  
NCV7708A0  
NCV7708AA0  
NCV7708DW  
NCV7708DWR2  
NCV8501PDW100  
NCV8501PDW100G  
NCV8501PDW100R2  
NCV8501PDW100R2G  
NCV8501PDW25  
NCV8501PDW25G  
NCV8501PDW25R2  
NCV8501PDW25R2G  
NCV8501PDW33  
NCV8501PDW33G  
NCV8501PDW33R2  
NCV8501PDW33R2G  
NCV8501PDW50  
NCV8501PDW50G  
NCV8501PDW50R2  
NCV8501PDW50R2G  
NCV8501PDW80  
NCV8501PDW80G  
NCV8501PDW80R2  
NCV8501PDW80R2G  
NCV8501PDWADJ

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**AFFECTED DEVICE LIST**



**PART**

NCV8501PDWADJG  
NCV8501PDWADJR2  
NCV8501PDWADJR2G  
NCV8502PDW100  
NCV8502PDW100G  
NCV8502PDW100R2  
NCV8502PDW100R2G  
NCV8502PDW25  
NCV8502PDW25G  
NCV8502PDW25R2  
NCV8502PDW25R2G  
NCV8502PDW33  
NCV8502PDW33G  
NCV8502PDW33R2  
NCV8502PDW33R2G  
NCV8502PDW50  
NCV8502PDW50G  
NCV8502PDW50R2  
NCV8502PDW50R2G  
NCV8502PDW80  
NCV8502PDW80G  
NCV8502PDW80R2  
NCV8502PDW80R2G  
NCV8502PDWADJ  
NCV8502PDWADJG  
NCV8502PDWADJR2  
NCV8502PDWADJR2G  
NCV8503PW25  
NCV8503PW25G  
NCV8503PW25R2  
NCV8503PW25R2G  
NCV8503PW33  
NCV8503PW33G  
NCV8503PW33R2  
NCV8503PW33R2G  
NCV8503PW50  
NCV8503PW50G  
NCV8503PW50R2  
NCV8503PW50R2G  
NCV8503PWADJ  
NCV8503PWADJG  
NCV8503PWADJR2  
NCV8503PWADJR2G  
NCV8504PW25  
NCV8504PW25G  
NCV8504PW25R2  
NCV8504PW25R2G  
NCV8504PW33  
NCV8504PW33G  
NCV8504PW33R2  
NCV8504PW33R2G  
NCV8504PW50  
NCV8504PW50G

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**PART**

NCV8504PW50R2  
NCV8504PW50R2G  
NCV8504PWADJ  
NCV8504PWADJG  
NCV8504PWADJR2  
NCV8504PWADJR2G  
NCV8508DW50  
NCV8508DW50G  
NCV8508DW50R2  
NCV8508DW50R2G  
NCV8509PDW18  
NCV8509PDW18G  
NCV8509PDW18R2  
NCV8509PDW18R2G  
NCV8509PDW25  
NCV8509PDW25G  
NCV8509PDW25R2  
NCV8509PDW25R2G  
NCV8509PDW26  
NCV8509PDW26G  
NCV8509PDW26R2  
NCV8509PDW26R2G  
NCV8512A0  
NCV8512PW50G  
NCV8512PW50R2G  
NCV8518PWG  
NCV8518PWR2G  
NCV8800HDW26  
NCV8800HDW26G  
NCV8800HDW26R2  
NCV8800HDW26R2G  
NCV8800HDW33  
NCV8800HDW33G  
NCV8800HDW33R2  
NCV8800HDW33R2G  
NCV8800HDW50  
NCV8800HDW50G  
NCV8800HDW50R2  
NCV8800HDW50R2G  
NCV8800HDW75  
NCV8800HDW75G  
NCV8800HDW75R2  
NCV8800HDW75R2G  
NCV8800SDW26  
NCV8800SDW26G  
NCV8800SDW26R2  
NCV8800SDW26R2G  
NCV8800SDW33  
NCV8800SDW33G  
NCV8800SDW33R2  
NCV8800SDW33R2G  
NCV8842A0  
NCV8842PWG

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**PART**

NCV8842PWR2G  
NCV8843PWG  
NCV8843PWR2G  
NE5532D  
NE5532DG  
NE5532DR2  
NE5532DR2G  
NE570D  
NE570DG  
NE570DR2  
NE570DR2G  
NLVHC4051ADWR2  
NLVHC4051ADWR2G  
NLVHC4851ADWR2  
NLVHC4851ADWR2G  
NLVHC541ADWR2  
NLVHC541ADWR2G  
NLVHCT244ADWR2  
NLVHCT244ADWR2G  
PB100LVEP91MNR2  
SA571D  
SA571DG  
SA571DR2  
SA571DR2G  
SA572D  
SA572DG  
SA572DR2  
SA572DR2G  
SA575D  
SA575DG  
SA575DR2  
SA575DR2G  
SC100LVEL14DWR2  
SC100LVEL14DWR2G  
SC33165ADWR2  
SC33165ADWR2G  
SC54AC240DWR2  
SC65895DW374R2  
SC68255DW374R2  
SC68255DWT373R2  
SC68255DWT541R2  
SC79192DWR2  
SC79229DW  
SC79229DWR2  
SC79229DWR2G  
SC99572DR2G  
SCV33033DWR2  
SCV33033DWR2G  
SCV41143A0  
SCV41143DWR2  
SCV6806DWR2  
SCV6902DWR2G  
SCV69124DW

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**AFFECTED DEVICE LIST**



**PART**

SCV69124DWR2  
SCY994407DWR2  
SCY994409DWR2  
SCY996805DWR2  
SCY996806DWR2  
SCY996807DWR2  
SCY996902DR2  
SCY996902DR2G  
SG3525ADW  
SG3525ADWG  
SG3525ADWR2  
SG3525ADWR2G  
SN74LS244DW  
SN74LS245DW  
TC74LCX245DW  
TC74LCX245DWR2  
TC74VHC573DWR2  
TCA0372BDWR2  
TCA0372BDWR2G  
TCA0372DW  
TCA0372DWG  
TCA0372DWR2  
TCA0372DWR2G  
TY40497DW  
TY40497DWG  
TY40497DWR2  
TY40497DWR2G  
TY40497SDW  
TY40497SDWG  
TY40497SDWR2  
TY40497SDWR2G  
TYA33560DW  
XC996902DR2  
XC996807DWR2  
YMC100LVEL92DWR2  
YPC100LVEL14DW