



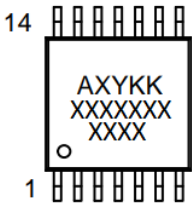
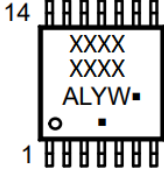
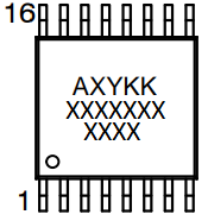
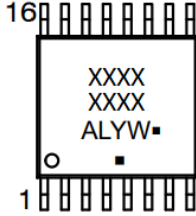
Final Product/Process Change Notification

Document #: FPCN25572X16

Issue Date: 15 Nov 2023

Title of Change:	Update to FPCN25572X - Info for TSSOP-14 and TSSOP-16 Only.		
Proposed First Ship date:	16 Feb 2024 or earlier if approved by customer		
Contact Information:	Contact your local onsemi Sales Office or logic.fpcn@onsemi.com		
PCN Samples Contact:	Contact your local onsemi Sales Office. Sample requests are to be submitted no later than 30 days from the date of first notification, Initial PCN or Final PCN, for this change. Samples delivery timing will be subject to request date, sample quantity and special customer packing/label requirements.		
Additional Reliability Data:	Contact your local onsemi Sales Office or ChangKit.Mok@onsemi.com		
Type of Notification:	This is a Final Product/Process Change Notification (FPCN) sent to customers. FPCNs are issued 90 days prior to implementation of the change. onsemi will consider this change accepted, unless an inquiry is made in writing within 30 days of delivery of this notice. To do so, contact PCN.Support@onsemi.com		
Marking of Parts/ Traceability of Change:	Custom source on label will show TW instead of US/ to indicate new die source from Vanguard. Changed material may be identified by plant code or lot code too.		
Change Category:	Wafer Fab Change, Assembly Change		
Change Sub-Category(s):	Manufacturing Site Transfer, Datasheet/Product Doc change		
Sites Affected:			
onsemi Sites		External Foundry/Subcon Sites	
onsemi Carmona, Philippines		ATEC - Automated Technology, Philippines	
		Vanguard International Semiconductor, Taiwan	
Description and Purpose:			
With reference to FPCN25572X , this FPCN presents the information solely for TSSOP-14 and TSSOP-16 packages.			
	From	To	
Fab Site	Tower Semiconductor, Diodes Maine	Vanguard International Semiconductor (VIS)	
Wafer size	150 mm, 200 mm	200 mm	
	From	To	
Assembly Site	onsemi Carmona, ATEC	onsemi Carmona	ATEC
Mold Compound	G600, G700LS	G700LS	G600
Wire Type	0.8 mil Au, 0.8 mil Cu	1 mil PCC	1 mil PCC
Lead Frame	PPF	PPF	Cu with Ag spot
	From	To	
Test Site	onsemi Carmona	onsemi Carmona	ATEC

➤ Marking change for specified parts listed in the marking embedded excel file:

	From	To
TSSOP-14 Product Marking Change	 A = Assembly Location XY = 2-digit 2 Weekly Date Code KK = 2-digit Lot Run Code X = Device Code	 A = Assembly Location L, WL = Wafer Lot Y, YY = Year W, WW = Work Week G or ■ = Pb-Free Package X = Device Code
TSSOP-16 Product Marking Change	 A = Assembly Location XY = 2-digit 2 Weekly Date Code KK = 2-digit Lot Run Code X = Device Code	 A = Assembly Location L, WL = Wafer Lot Y, YY = Year W, WW = Work Week G or ■ = Pb-Free Package X = Device Code

Reliability Data Summary:

- Refer to embedded excel RMS O88468, O89399, O88463, O89920, O89358, O88467, O89368, O89374 and O89375.

To view attachments:

1. Download pdf copy of the PCN to your computer
2. Open the downloaded pdf copy of the PCN
3. Click on the paper clip icon available on the menu provided in the left/bottom portion of the screen to reveal the Attachment field
4. Then click on the attached file.

Electrical Characteristics Summary:

	From	To
Datasheet	Current Revision	New Revision
Absolute Max Voltage Rating	7 V	6.5 V

➤ Additional change for only LCX Device Family:

	From	To
Recommended Operating Voltage Range	2.0 – 3.6 V	1.65 – 5.5 V
Recommended Operating Temperature Range	-40 – 85°C	-40 – 125°C

➤ Additional change for MM74HC595MTCX only:

	From	To
SER to SCK Hold Time at Vcc = 5V, Ta = 25C	0 ns	5 ns

➤ Additional change for MC74LVX4051DTG, MC74LVX4051DTR2G, MC74LVXT4051DTR2G, MC74LVXT4051DTRG, MC74LVX4052DTR2G, MC74LVXT4052DTG, MC74LVXT4052DTRG, MC74LVXT4053DTG, MC74LVX4053DTG, and MC74LVXT4053DTRG only:

Datasheet Existing vs Updated Comparison:

Existing Datasheet

MAXIMUM RATINGS					
Symbol	Parameter		Value	Unit	
V _{EE}	Negative DC Supply Voltage		-7.0 to +0.5	V	
V _{CC}	Positive DC Supply Voltage (Referenced to GND) (Referenced to V _{EE})		-0.5 to +7.0 -0.5 to +7.0	V	
V _{IS}	Analog Input Voltage		V _{EE} -0.5 to V _{CC} +0.5	V	
V _{IN}	Digital Input Voltage (Referenced to GND)		-0.5 to +7.0	V	
I	DC Current, Into or Out Of Any Pin		±50	mA	
T _{STG}	Storage Temperature Range		-65 to +150	°C	
T _L	Lead Temperature, 1 mm from Case for 10 seconds		+260	°C	
T _J	Junction Temperature under Bias		+150	°C	
θ _{JA}	Thermal Resistance		SOIC 143 TSSOP 164	°C/W	
P _D	Power Dissipation in Still Air		SOIC 500 TSSOP 450	mW	
MSL	Moisture Sensitivity		Level 1		
F _R	Flammability Rating		Oxygen Index: 30% - 35% UL 94-V0 @ 0.125 in	°C/W	
V _{ESD}	ESD Withstand Voltage		Human Body Model (Note 1) Machine Model (Note 2) Charged Device Model (Note 3)	> 2000 > 200 > 1000	V
I _{LATCHUP}	Latchup Performance		Above V _{CC} and Below GND at 125°C (Note 4)	±300	mA

Updated Datasheet

MAXIMUM RATINGS (Voltages referenced to GND unless otherwise specified)				
Symbol	Parameter		Value	Unit
V _{CC}	Positive DC Supply Voltage		-0.5 to +6.5	V
V _{CC} - V _{EE}	DC Supply Voltage		-0.5 to +6.5	V
V _{IN}	Analog Input Voltage		V _{EE} -0.5 to V _{CC} +0.5	V
V _{IN}	Digital Input Voltage (Referenced to V _{EE})		-0.5 to +6.5	V
I	DC Current, Into or Out Of Any Pin		±50	mA
T _{STG}	Storage Temperature Range		-65 to +150	°C
T _L	Lead Temperature, 1 mm from Case for 10 seconds		+260	°C
T _J	Junction Temperature under Bias		+150	°C
θ _{JA}	Thermal Resistance	SOIC-16 TSSOP-16	128 159	°C/W
P _D	Power Dissipation in Still Air	SOIC-16 TSSOP-16	995 787	mW
MSL	Moisture Sensitivity		Level 1	
F _R	Flammability Rating	Oxygen Index: 30% - 35%	UL 94-V0 @ 0.125 in	°C/W
V _{ESD}	ESD Withstand Voltage	Human Body Model (Note 1) Charged Device Model (Note 2)	> 2000 > 1000	V
I _{LATCHUP}	Latchup Performance	Above V _{CC} and Below GND (V _{EE} =GND) at 125°C (Note 3)	±100	mA

Existing Datasheet

RECOMMENDED OPERATING CONDITIONS

Symbol	Parameter	Min	Max	Unit
V_{EE}	Negative DC Supply Voltage (Referenced to GND)	-6.0	GND	V
V_{CC}	Positive DC Supply Voltage (Referenced to GND)	2.5	6.0	V
	(Referenced to V_{EE})	2.5	6.0	V
V_{IS}	Analog Input Voltage	V_{EE}	V_{CC}	V
V_{IH}	Digital Input Voltage (Note 5) (Referenced to GND)	0	6.0	V
T_A	Operating Temperature Range	-55	+125	°C
t_r, t_f	Input Transition Rise or Fall Rate	$V_{CC} = 3.0 \text{ V} \pm 0.3 \text{ V}$	0	100
	(Channel Select or Enable Inputs)	$V_{CC} = 5.0 \text{ V} \pm 0.5 \text{ V}$	0	20

Updated Datasheet

RECOMMENDED OPERATING CONDITIONS (Voltages referenced to GND unless otherwise specified)

Symbol	Parameter	Min	Max	Unit
V_{CC}	Positive DC Supply Voltage	2.5	6.0	V
V_{EE}	Negative DC Supply Voltage	-3.5	GND	V
$V_{CC} - V_{EE}$	DC Supply Voltage	2.5	6.0	V
V_{IS}	Analog Input Voltage	V_{EE}	V_{CC}	V
V_{IH}	Digital Input Voltage (Note 4) (Referenced to V_{EE})	0	6.0	V
T_A	Operating Temperature Range	-55	+125	°C
t_r, t_f	Input Transition Rise or Fall Rate	$V_{CC} = 3.0 \text{ V} \pm 0.3 \text{ V}$	0	100
	(Channel Select or Enable Inputs)	$V_{CC} = 5.0 \text{ V} \pm 0.5 \text{ V}$	0	20

List of Affected Parts:

Note: Only the standard (off the shelf) part numbers are listed in the parts list. Any custom parts affected by this PCN are shown in the customer specific PCN addendum in the PCN email notification, or on the [PCN Customized Portal](#).

Current Part Number	New Part Number	Qualification Vehicle
MC74HCT04ADTR2G	NA	MC74LCX14DTR2G
MC74HCT08ADTR2G	NA	MC74LCX14DTR2G
MC74HCT125ADTR2G	NA	MC74LCX14DTR2G
MC74HCT132ADTR2G	NA	MC74LCX14DTR2G
MC74HCT138ADTR2G	NA	NLV74HC595ADTR2G
MC74HCT138ADTR2G-L22492	MC74HCT138ADTR2G	NLV74HC595ADTR2G
MC74HCT14ADTR2G	NA	MC74LCX14DTR2G
MC74HCT32ADTR2G	NA	MC74LCX14DTR2G
MC74HCT365ADTR2G	NA	NLV74HC595ADTR2G
MC74HCT366ADTR2G	NA	NLV74HC595ADTR2G
MC74HCT595ADTG	NA	NLV74HC595ADTR2G
MC74HCT595ADTR2G	NA	NLV74HC595ADTR2G
MC74HCT86ADTR2G	NA	MC74LCX14DTR2G
MC74HCU04ADTR2G	NA	MC74LCX14DTR2G
MC74LCX00DTG	NA	MC74LCX14DTR2G
MC74LCX00DTR2G	NA	MC74LCX14DTR2G
MC74LCX02DTG	NA	MC74LCX14DTR2G
MC74LCX02DTR2G	NA	MC74LCX14DTR2G
MC74LCX04DTG	NA	MC74LCX14DTR2G



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MC74LCX04DTR2G	NA	MC74LCX14DTR2G
MC74LCX06DTR2G	NA	MC74LCX14DTR2G
MC74LCX07DTR2G	NA	MC74LCX14DTR2G
MC74LCX08DTG	NA	MC74LCX14DTR2G
MC74LCX08DTR2G	NA	MC74LCX14DTR2G
MC74LCX125DTG	NA	MC74LCX14DTR2G
MC74LCX125DTR2G	NA	MC74LCX14DTR2G
MC74LCX138DTG	NA	NLV74HC595ADTR2G
MC74LCX138DTR2G	NA	NLV74HC595ADTR2G
MC74LCX14DTG	NA	MC74LCX14DTR2G
MC74LCX14DTR2G	NA	MC74LCX14DTR2G
MC74LCX157ADTR2G	NA	NLV74HC595ADTR2G
MC74LCX157DTR2G	NA	NLV74HC595ADTR2G
MC74LCX158DTG	NA	NLV74HC595ADTR2G
MC74LCX158DTR2G	NA	NLV74HC595ADTR2G
MC74LCX257DTG	NA	NLV74HC595ADTR2G
MC74LCX257DTR2G	NA	NLV74HC595ADTR2G
MC74LCX258DTG	NA	NLV74HC595ADTR2G
MC74LCX258DTR2G	NA	NLV74HC595ADTR2G
MC74LCX32DTR2G	NA	MC74LCX14DTR2G
MC74LCX74DTG	NA	MC74LCX14DTR2G
MC74LCX74DTR2G	NA	MC74LCX14DTR2G
74LCX86MTCX	NA	MC74LCX14DTR2G
74LVX00MTCX	NA	MC74LCX14DTR2G
74LVX02MTCX	NA	MC74LCX14DTR2G
74LVX04MTCX	NA	MC74LCX14DTR2G
74LVX08MTCX	NA	MC74LCX14DTR2G



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74LVX125MTCX	NA	MC74LCX14DTR2G
74LVX132MTCX	NA	MC74LCX14DTR2G
74LVX138MTCX	NA	NLV74HC595ADTR2G
74LVX14MTCX	NA	MC74LCX14DTR2G
74LVX157MTCX	NA	NLV74HC595ADTR2G
74LVX32MTCX	NA	MC74LCX14DTR2G
74LVX74MTCX	NA	MC74LCX14DTR2G
74LVX86MTCX	NA	MC74LCX14DTR2G
74VHC00MTCX	NA	MC74LCX14DTR2G
74VHC02MTCX	NA	MC74LCX14DTR2G
74VHC04MTCX	NA	MC74LCX14DTR2G
74VHC08MTCX	NA	MC74LCX14DTR2G
74VHC112MTCX	NA	NLV74HC595ADTR2G
74VHC125MTCX	NA	MC74LCX14DTR2G
74VHC132MTCX	NA	MC74LCX14DTR2G
74VHC138MTCX	NA	NLV74HC595ADTR2G
74VHC139MTCX	NA	NLV74HC595ADTR2G
74VHC14MTCX	NA	MC74LCX14DTR2G
74VHC157MTCX	NA	NLV74HC595ADTR2G
74VHC164MTCX	NA	MC74LCX14DTR2G
74VHC175MTCX	NA	NLV74HC595ADTR2G
74VHC32MTCX	NA	MC74LCX14DTR2G
74VHC595MTCX	NA	NLV74HC595ADTR2G
74VHC74MTCX	NA	MC74LCX14DTR2G
74VHC86MTCX	NA	MC74LCX14DTR2G
74VHCT00AMTCX	NA	MC74LCX14DTR2G
74VHCT04AMTCX	NA	MC74LCX14DTR2G



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74VHCT08AMTCX	NA	MC74LCX14DTR2G
74VHCT138AMTCX	NA	NLV74HC595ADTR2G
74VHCT14AMTCX	NA	MC74LCX14DTR2G
74VHCT74AMTCX	NA	MC74LCX14DTR2G
74VHCU04MTCX	NA	MC74LCX14DTR2G
M74HCT4851ADTR2G	NA	MC74HC4851ADTR2G, NLVHC4851ADTR2G
M74HCT4852ADTR2G	NA	MC74HC4851ADTR2G, NLVHC4851ADTR2G
M74VHCT126ADTR2G	NA	MC74LCX14DTR2G
M74VHCT157ADTR2G	NA	NLV74HC595ADTR2G
M74VHCT257ADTR2G	NA	NLV74HC595ADTR2G
MC74AC00DTR2G	NA	MC74LCX14DTR2G
MC74AC02DTR2G	NA	MC74LCX14DTR2G
MC74AC04DTR2G	NA	MC74LCX14DTR2G
MC74AC08DTR2G	NA	MC74LCX14DTR2G
MC74AC125DTR2G	NA	MC74LCX14DTR2G
MC74AC138DTR2G	NA	NLV74HC595ADTR2G
MC74AC139DTR2G	NA	NLV74HC595ADTR2G
MC74AC14DTR2G	NA	MC74LCX14DTR2G
MC74AC157DTR2G	NA	NLV74HC595ADTR2G
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MC74ACT04DTR2G	NA	MC74LCX14DTR2G
MC74ACT05DTR2G	NA	MC74LCX14DTR2G



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MC74ACT08DTR2G	NA	MC74LCX14DTR2G
MC74ACT10DTR2G	NA	MC74LCX14DTR2G
MC74ACT125DTR2G	NA	MC74LCX14DTR2G
MC74ACT138DTR2G	NA	NLV74HC595ADTR2G
MC74ACT139DTR2G	NA	NLV74HC595ADTR2G
MC74ACT14DTR2G	NA	MC74LCX14DTR2G
MC74ACT157DTR2G	NA	NLV74HC595ADTR2G
MC74ACT32DTR2G	NA	MC74LCX14DTR2G
MC74ACT74DTR2G	NA	MC74LCX14DTR2G
MC74ACT86DTR2G	NA	MC74LCX14DTR2G
MC74HC00ADTR2G	NA	MC74LCX14DTR2G
MC74HC02ADTR2G	NA	MC74LCX14DTR2G
MC74HC03ADTR2G	NA	MC74LCX14DTR2G
MC74HC04ADTR2G	NA	MC74LCX14DTR2G
MC74HC05ADTG	NA	MC74LCX14DTR2G
MC74HC05ADTR2G	NA	MC74LCX14DTR2G
MC74HC08ADTR2G	NA	MC74LCX14DTR2G
MC74HC10ADTR2G	NA	MC74LCX14DTR2G
MC74HC112ADTG	NA	NLV74HC595ADTR2G
MC74HC112ADTR2G	NA	NLV74HC595ADTR2G
MC74HC11ADTR2G	NA	MC74LCX14DTR2G
MC74HC125ADTG	NA	MC74LCX14DTR2G
MC74HC125ADTR2G	NA	MC74LCX14DTR2G
MC74HC126ADTR2G	NA	MC74LCX14DTR2G
MC74HC132ADTG	NA	MC74LCX14DTR2G
MC74HC132ADTR2G	NA	MC74LCX14DTR2G
MC74HC138ADTR2G	NA	NLV74HC595ADTR2G



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MC74HC139ADTR2G	NA	NLV74HC595ADTR2G
MC74HC14ADTG	NA	MC74LCX14DTR2G
MC74HC14ADTR2G	NA	MC74LCX14DTR2G
MC74HC151ADTG	NA	NLV74HC595ADTR2G
MC74HC151ADTR2G	NA	NLV74HC595ADTR2G
MC74HC153ADTR2G	NA	NLV74HC595ADTR2G
MC74HC157ADTR2G	NA	NLV74HC595ADTR2G
MC74HC164ADTR2G	NA	MC74LCX14DTR2G
MC74HC164ADTR2G-L22492	MC74HC164ADTR2G	MC74LCX14DTR2G
MC74HC165ADTR2G	NA	NLV74HC595ADTR2G
MC74HC165ADTR2G-L22492	MC74HC165ADTR2G	NLV74HC595ADTR2G
MC74HC174ADTR2G	NA	NLV74HC595ADTR2G
MC74HC175ADTR2G	NA	NLV74HC595ADTR2G
MC74HC20ADTR2G	NA	MC74LCX14DTR2G
MC74HC238ADTR2G	NA	NLV74HC595ADTR2G
MC74HC251ADTG	NA	NLV74HC595ADTR2G
MC74HC251ADTR2G	NA	NLV74HC595ADTR2G
MC74HC259ADTR2G	NA	NLV74HC595ADTR2G
MC74HC30ADTR2G	NA	MC74LCX14DTR2G
MC74HC32ADTR2G	NA	MC74LCX14DTR2G
MC74HC365ADTR2G	NA	NLV74HC595ADTR2G
MC74HC365ADTR2G-L22492	MC74HC365ADTR2G	NLV74HC595ADTR2G
MC74HC390ADTR2G	NA	NLV74HC595ADTR2G
MC74HC393ADTR2G	NA	MC74LCX14DTR2G
MC74HC4851ADTR2G	NA	MC74HC4851ADTR2G, NLVHC4851ADTR2G
MC74HC4852ADTR2G	NA	MC74HC4851ADTR2G, NLVHC4851ADTR2G



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MC74HC589ADTR2G	NA	NLV74HC595ADTR2G
MC74HC595ADTG	NA	NLV74HC595ADTR2G
MC74HC595ADTR2G	NA	NLV74HC595ADTR2G
MC74HC597ADTR2G	NA	NLV74HC595ADTR2G
MC74HC73ADTR2G	NA	MC74LCX14DTR2G
MC74HC74ADTR2G	NA	MC74LCX14DTR2G
MC74HC86ADTR2G	NA	MC74LCX14DTR2G
MC74VHC32DTR2G	NA	MC74LCX14DTR2G
MC74VHC50DTR2G	NA	MC74LCX14DTR2G
MC74VHC595DTR2G	NA	NLV74HC595ADTR2G
MC74VHC74DTG	NA	MC74LCX14DTR2G
MC74VHC74DTR2G	NA	MC74LCX14DTR2G
MC74VHC86DTR2G	NA	MC74LCX14DTR2G
MC74VHCT00ADTR2G	NA	MC74LCX14DTR2G
MC74VHCT02ADTR2G	NA	MC74LCX14DTR2G
MC74VHCT04ADTR2G	NA	MC74LCX14DTR2G
MC74VHCT08ADTR2G	NA	MC74LCX14DTR2G
MC74VHCT125ADTRG	NA	MC74LCX14DTR2G
MC74VHCT132ADTRG	NA	MC74LCX14DTR2G
MC74VHCT138ADTRG	NA	NLV74HC595ADTR2G
MC74VHCT139ADTRG	NA	NLV74HC595ADTR2G
MC74VHCT14ADTR2G	NA	MC74LCX14DTR2G
MC74VHCT259ADTRG	NA	NLV74HC595ADTR2G
MC74VHCT32ADTR2G	NA	MC74LCX14DTR2G
MC74VHCT50ADTR2G	NA	MC74LCX14DTR2G
MC74VHCT74ADTR2G	NA	MC74LCX14DTR2G
MC74VHCT86ADTR2G	NA	MC74LCX14DTR2G



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MC74VHCU04DTR2G	NA	MC74LCX14DTR2G
MM74HC00MTCX	NA	MC74LCX14DTR2G
MM74HC02MTC	NA	MC74LCX14DTR2G
MM74HC02MTCX	NA	MC74LCX14DTR2G
MM74HC04MTCX	NA	MC74LCX14DTR2G
MM74HC08MTC	NA	MC74LCX14DTR2G
MM74HC08MTCX	NA	MC74LCX14DTR2G
MM74HC125MTC	NA	MC74LCX14DTR2G
MM74HC125MTCX	NA	MC74LCX14DTR2G
MM74HC126MTCX	NA	MC74LCX14DTR2G
MM74HC132MTC	NA	MC74LCX14DTR2G
MM74HC132MTCX	NA	MC74LCX14DTR2G
MM74HC138MTCX	NA	NLV74HC595ADTR2G
MM74HC14MTC	NA	MC74LCX14DTR2G
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MM74HC164MTCX	NA	MC74LCX14DTR2G
MM74HC175MTCX	NA	NLV74HC595ADTR2G
MM74HC32MTCX	NA	MC74LCX14DTR2G
MM74HC595MTC	NA	NLV74HC595ADTR2G
MM74HC595MTCX	NA	NLV74HC595ADTR2G
MM74HC74AMTC	NA	MC74LCX14DTR2G
MM74HC74AMTCX	NA	MC74LCX14DTR2G
NLSF595DTR2G	NA	NLV74HC595ADTR2G
MM74HCU04MTCX	NA	MC74LCX14DTR2G
MM74HCT74MTCX	NA	MC74LCX14DTR2G
MM74HCT32MTCX	NA	MC74LCX14DTR2G
MM74HCT14MTCX	NA	MC74LCX14DTR2G



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MM74HCT138MTCX	NA	NLV74HC595ADTR2G
MM74HCT138MTC	NA	NLV74HC595ADTR2G
MM74HCT08MTCX	NA	MC74LCX14DTR2G
MM74HCT08MTC	NA	MC74LCX14DTR2G
MM74HCT05MTCX	NA	MC74LCX14DTR2G
MM74HCT04MTCX	NA	MC74LCX14DTR2G
MM74HCT00MTCX	NA	MC74LCX14DTR2G
MM74HC86MTCX	NA	MC74LCX14DTR2G
MM74HC86MTC	NA	MC74LCX14DTR2G
MC74HC393ADTR2G-L22492	MC74HC393ADTR2G	MC74LCX14DTR2G
MC74HC14ADTR2G-L22492	MC74HC14ADTR2G	MC74LCX14DTR2G
MC74HC132ADTR2G-L22492	MC74HC132ADTR2G	MC74LCX14DTR2G
MC74HC08ADTR2G-L22492	MC74HC08ADTR2G	MC74LCX14DTR2G
MC74HC00ADTR2G-L22492	MC74HC00ADTR2G	MC74LCX14DTR2G
MC74LCX86DTR2G	NA	MC74LCX14DTR2G
MC74LCXU04DTR2G	NA	MC74LCX14DTR2G
MC74LV594ADTR2G	NA	NLV74HC595ADTR2G
MC74LVX00DTR2G	NA	MC74LCX14DTR2G
MC74LVX02DTR2G	NA	MC74LCX14DTR2G
MC74LVX04DTR2G	NA	MC74LCX14DTR2G
MC74LVX08DTR2G	NA	MC74LCX14DTR2G
MC74LVX125DTG	NA	MC74LCX14DTR2G
MC74LVX125DTR2G	NA	MC74LCX14DTR2G
MC74LVX132DTG	NA	MC74LCX14DTR2G
MC74LVX132DTR2G	NA	MC74LCX14DTR2G
MC74LVX138DTR2G	NA	NLV74HC595ADTR2G
MC74LVX139DTR2G	NA	NLV74HC595ADTR2G



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MC74LVX14DTR2G	NA	MC74LCX14DTR2G
MC74LVX157DTR2G	NA	NLV74HC595ADTR2G
MC74LVX257DTR2G	NA	NLV74HC595ADTR2G
MC74LVX259DTR2G	NA	NLV74HC595ADTR2G
MC74LVX32DTR2G	NA	MC74LCX14DTR2G
MC74LVX4051DTG	NA	MC74LVX4051DTR2G
MC74LVX4051DTR2G	NA	MC74LVX4051DTR2G
MC74LVX4052DTR2G	NA	MC74LVX4051DTR2G
MC74LVX4053DTG	NA	MC74LVX4051DTR2G
MC74LVX50DTG	NA	MC74LCX14DTR2G
MC74LVX50DTR2G	NA	MC74LCX14DTR2G
MC74LVX74DTR2G	NA	MC74LCX14DTR2G
MC74LVX8051DTG	NA	MC74LVX4051DTR2G
MC74LVX8051DTR2G	NA	MC74LVX4051DTR2G
MC74LVX8053DTR2G	NA	MC74LVX4051DTR2G
MC74LVXT4051DTR2G	NA	MC74LVX4051DTR2G
MC74LVXT4051DTRG	NA	MC74LVX4051DTR2G
MC74LVXT4052DTG	NA	MC74LVX4051DTR2G
MC74LVXT4052DTRG	NA	MC74LVX4051DTR2G
MC74LVXT4053DTG	NA	MC74LVX4051DTR2G
MC74LVXT4053DTRG	NA	MC74LVX4051DTR2G
MC74LVXT8051DTRG	NA	MC74LVX4051DTR2G
MC74LVXT8053DTRG	NA	MC74LVX4051DTR2G
MC74VHC00DTG	NA	MC74LCX14DTR2G
MC74VHC00DTR2G	NA	MC74LCX14DTR2G
MC74VHC02DTR2G	NA	MC74LCX14DTR2G
MC74VHC04DTR2G	NA	MC74LCX14DTR2G



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MC74VHC08DTR2G	NA	MC74LCX14DTR2G
MC74VHC125DTR2G	NA	MC74LCX14DTR2G
MC74VHC126DTR2G	NA	MC74LCX14DTR2G
MC74VHC132DTR2G	NA	MC74LCX14DTR2G
MC74VHC138DTR2G	NA	NLV74HC595ADTR2G
MC74VHC139DTR2G	NA	NLV74HC595ADTR2G
MC74VHC14DTG	NA	MC74LCX14DTR2G
MC74VHC14DTR2G	NA	MC74LCX14DTR2G
MC74VHC157DTR2G	NA	NLV74HC595ADTR2G
MC74VHC257DTR2G	NA	NLV74HC595ADTR2G
MC74VHC259DTR2G	NA	NLV74HC595ADTR2G
MC74VHC32DTG	NA	MC74LCX14DTR2G
74LCX00MTCX	NA	MC74LCX14DTR2G
74LCX02MTCX	NA	MC74LCX14DTR2G
74LCX04MTC	NA	MC74LCX14DTR2G
74LCX04MTCX	NA	MC74LCX14DTR2G
74LCX06MTCX	NA	MC74LCX14DTR2G
74LCX07MTCX	NA	MC74LCX14DTR2G
74LCX08MTCX	NA	MC74LCX14DTR2G
74LCX112MTCX	NA	NLV74HC595ADTR2G
74LCX11MTCX	NA	MC74LCX14DTR2G
74LCX125MTC	NA	MC74LCX14DTR2G
74LCX125MTCX	NA	MC74LCX14DTR2G
74LCX126MTCX	NA	MC74LCX14DTR2G
74LCX138MTCX	NA	NLV74HC595ADTR2G
74LCX14MTCX	NA	MC74LCX14DTR2G
74LCX157MTCX	NA	NLV74HC595ADTR2G



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74LCX257MTCX	NA	NLV74HC595ADTR2G
74LCX32MTCX	NA	MC74LCX14DTR2G
74LCX38MTC	NA	MC74LCX14DTR2G
74LCX38MTCX	NA	MC74LCX14DTR2G
74LCX74MTCX	NA	MC74LCX14DTR2G
74ACT32MTCX	NA	MC74LCX14DTR2G
74ACT14MTCX	NA	MC74LCX14DTR2G
74ACT14MTC	NA	MC74LCX14DTR2G
74ACT139MTCX	NA	NLV74HC595ADTR2G
74ACT08MTCX	NA	MC74LCX14DTR2G
74ACT08MTC	NA	MC74LCX14DTR2G
74ACT04MTCX	NA	MC74LCX14DTR2G
74ACT00MTCX	NA	MC74LCX14DTR2G
74AC86MTCX	NA	MC74LCX14DTR2G
74AC32MTCX	NA	MC74LCX14DTR2G
74AC14MTCX	NA	MC74LCX14DTR2G
74AC139MTCX	NA	NLV74HC595ADTR2G
74AC138MTCX	NA	NLV74HC595ADTR2G
74AC08MTCX	NA	MC74LCX14DTR2G
74AC04MTCX	NA	MC74LCX14DTR2G
74AC04MTC	NA	MC74LCX14DTR2G
74AC00MTCX	NA	MC74LCX14DTR2G
MC74LVXU04DTR2G	NA	MC74LCX14DTR2G
MC74LVX86DTR2G	NA	MC74LCX14DTR2G
MC74HCT125ADTR2G-L22492	MC74HCT125ADTR2G	MC74LCX14DTR2G
MC74HCT08ADTR2G-L22492	MC74HCT08ADTR2G	MC74LCX14DTR2G