PACKAGING INFORMATION

Orderable Device	Status (1)	Package Type	Package Drawing	Pins	Package Qty	Eco Plan (2)	Lead finish/ Ball material (6)	MSL Peak Temp (3)	Op Temp (°C)	Device Marking (4/5)	Samples
5962-8775401EA	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	5962-8775401EA CD54HC4053F3A	Samples
5962-8855601EA	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	5962-8855601EA CD54HC4052F3A	Samples
5962-9065401MEA	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	5962-9065401ME A CD54HCT4051F3A	Samples
CD54HC4051F	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	CD54HC4051F	Samples
CD54HC4051F3A	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	CD54HC4051F3A	Samples
CD54HC4052F	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	CD54HC4052F	Samples
CD54HC4052F3A	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	5962-8855601EA CD54HC4052F3A	Samples
CD54HC4053F	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	CD54HC4053F	Samples
CD54HC4053F3A	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	5962-8775401EA CD54HC4053F3A	Samples
CD54HCT4051F3A	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	5962-9065401ME A CD54HCT4051F3A	Samples
CD74HC4051E	ACTIVE	PDIP	N	16	25	RoHS & Green	NIPDAU	N / A for Pkg Type	-55 to 125	CD74HC4051E	Samples
CD74HC4051EE4	ACTIVE	PDIP	N	16	25	RoHS & Green	NIPDAU	N / A for Pkg Type	-55 to 125	CD74HC4051E	Samples
CD74HC4051M	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	HC4051M	
CD74HC4051M96	ACTIVE	SOIC	D	16	2500	RoHS & Green	NIPDAU | SN	Level-1-260C-UNLIM	-55 to 125	HC4051M	Samples
CD74HC4051M96G3	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	HC4051M	
CD74HC4051M96G4	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	HC4051M	
CD74HC4051MT	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	HC4051M	
CD74HC4051NSR	ACTIVE	SO	NS	16	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	HC4051M	Samples

Orderable Device	Status (1)	Package Type	Package Drawing	Pins	Package Qty	Eco Plan (2)	Lead finish/ Ball material (6)	MSL Peak Temp (3)	Op Temp (°C)	Device Marking (4/5)	Samples
CD74HC4051NSRE4	ACTIVE	SO	NS	16	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	HC4051M	Samples
CD74HC4051PWR	ACTIVE	TSSOP	PW	16	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	HJ4051	Samples
CD74HC4051PWRG4	OBSOLETE	TSSOP	PW	16		TBD	Call TI	Call TI	-55 to 125	HJ4051	
CD74HC4051PWT	OBSOLETE	TSSOP	PW	16		TBD	Call TI	Call TI	-55 to 125	HJ4051	
CD74HC4052E	NRND	PDIP	N	16	25	RoHS & Green	NIPDAU	N / A for Pkg Type	-55 to 125	CD74HC4052E	
CD74HC4052M	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	HC4052M	
CD74HC4052M96	ACTIVE	SOIC	D	16	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	HC4052M	Samples
CD74HC4052M96G4	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	HC4052M	
CD74HC4052MT	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	HC4052M	
CD74HC4052NSR	ACTIVE	SO	NS	16	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	HC4052M	Samples
CD74HC4052PW	OBSOLETE	TSSOP	PW	16		TBD	Call TI	Call TI	-55 to 125	HJ4052	
CD74HC4052PWR	ACTIVE	TSSOP	PW	16	2000	RoHS & Green	NIPDAU | SN	Level-1-260C-UNLIM	-55 to 125	HJ4052	Samples
CD74HC4052PWRG4	OBSOLETE	TSSOP	PW	16		TBD	Call TI	Call TI	-55 to 125	HJ4052	
CD74HC4052PWT	OBSOLETE	TSSOP	PW	16		TBD	Call TI	Call TI	-55 to 125	HJ4052	
CD74HC4053E	NRND	PDIP	N	16	25	RoHS & Green	NIPDAU	N / A for Pkg Type	-55 to 125	CD74HC4053E	
CD74HC4053M	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	HC4053M	
CD74HC4053M96	ACTIVE	SOIC	D	16	2500	RoHS & Green	NIPDAU | SN	Level-1-260C-UNLIM	-55 to 125	HC4053M	Samples
CD74HC4053M96G3	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	HC4053M	
CD74HC4053M96G4	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	HC4053M	
CD74HC4053MT	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	HC4053M	
CD74HC4053NSR	NRND	SO	NS	16	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	HC4053M	
CD74HC4053PW	OBSOLETE	TSSOP	PW	16		TBD	Call TI	Call TI	-55 to 125	HJ4053	
CD74HC4053PWR	ACTIVE	TSSOP	PW	16	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	HJ4053	Samples
CD74HC4053PWRG4	OBSOLETE	TSSOP	PW	16		TBD	Call TI	Call TI	-55 to 125	HJ4053	
CD74HC4053PWT	OBSOLETE	TSSOP	PW	16		TBD	Call TI	Call TI	-55 to 125	HJ4053	
CD74HCT4051E	NRND	PDIP	N	16	25	RoHS & Green	NIPDAU	N / A for Pkg Type	-55 to 125	CD74HCT4051E	
CD74HCT4051M	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	HCT4051M	

Orderable Device	Status (1)	Package Type	Package Drawing	Pins	Package Qty	Eco Plan (2)	Lead finish/ Ball material (6)	MSL Peak Temp (3)	Op Temp (°C)	Device Marking (4/5)	Samples
CD74HCT4051M96	ACTIVE	SOIC	D	16	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	HCT4051M	Samples
CD74HCT4051M96E4	ACTIVE	SOIC	D	16	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	HCT4051M	Samples
CD74HCT4051M96G4	ACTIVE	SOIC	D	16	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	HCT4051M	Samples
CD74HCT4051MT	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	HCT4051M	
CD74HCT4052E	NRND	PDIP	N	16	25	RoHS & Green	NIPDAU	N / A for Pkg Type	-55 to 125	CD74HCT4052E	
CD74HCT4052EE4	NRND	PDIP	N	16	25	RoHS & Green	NIPDAU	N / A for Pkg Type	-55 to 125	CD74HCT4052E	
CD74HCT4052M	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	HCT4052M	
CD74HCT4052M96	ACTIVE	SOIC	D	16	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	HCT4052M	Samples
CD74HCT4052M96G4	ACTIVE	SOIC	D	16	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	HCT4052M	Samples
CD74HCT4052MT	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	HCT4052M	
CD74HCT4053E	NRND	PDIP	N	16	25	RoHS & Green	NIPDAU	N / A for Pkg Type	-55 to 125	CD74HCT4053E	
CD74HCT4053M	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	HCT4053M	
CD74HCT4053M96	ACTIVE	SOIC	D	16	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	HCT4053M	Samples
CD74HCT4053M96E4	ACTIVE	SOIC	D	16	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	HCT4053M	Samples
CD74HCT4053M96G4	ACTIVE	SOIC	D	16	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	HCT4053M	Samples
CD74HCT4053MT	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	HCT4053M	
CD74HCT4053PWR	ACTIVE	TSSOP	PW	16	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	HK4053	Samples
CD74HCT4053PWT	OBSOLETE	TSSOP	PW	16		TBD	Call TI	Call TI	-55 to 125	HK4053	

(1) The marketing status values are defined as follows:
ACTIVE: Product device recommended for new designs.
LIFEBUY: TI has announced that the device will be discontinued, and a lifetime-buy period is in effect.
NRND: Not recommended for new designs. Device is in production to support existing customers, but TI does not recommend using this part in a new design.
PREVIEW: Device has been announced but is not in production. Samples may or may not be available.
OBSOLETE: TI has discontinued the production of the device.

(2) **RoHS:** TI defines "RoHS" to mean semiconductor products that are compliant with the current EU RoHS requirements for all 10 RoHS substances, including the requirement that RoHS substance do not exceed 0.1% by weight in homogeneous materials. Where designed to be soldered at high temperatures, "RoHS" products are suitable for use in specified lead-free processes. TI may reference these types of products as "Pb-Free".

RoHS Exempt: TI defines "RoHS Exempt" to mean products that contain lead but are compliant with EU RoHS pursuant to a specific EU RoHS exemption.
Green: TI defines "Green" to mean the content of Chlorine (Cl) and Bromine (Br) based flame retardants meet JS709B low halogen requirements of <=1000ppm threshold. Antimony trioxide based flame retardants must also meet the <=1000ppm threshold requirement.

(3) MSL, Peak Temp. - The Moisture Sensitivity Level rating according to the JEDEC industry standard classifications, and peak solder temperature.

(4) There may be additional marking, which relates to the logo, the lot trace code information, or the environmental category on the device.

(5) Multiple Device Markings will be inside parentheses. Only one Device Marking contained in parentheses and separated by a "~" will appear on a device. If a line is indented then it is a continuation of the previous line and the two combined represent the entire Device Marking for that device.

(6) Lead finish/Ball material - Orderable Devices may have multiple material finish options. Finish options are separated by a vertical ruled line. Lead finish/Ball material values may wrap to two lines if the finish value exceeds the maximum column width.

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In no event shall TI's liability arising out of such information exceed the total purchase price of the TI part(s) at issue in this document sold by TI to Customer on an annual basis.

OTHER QUALIFIED VERSIONS OF CD54HC4051, CD54HC4052, CD54HC4053, CD54HCT4051, CD74HC4051, CD74HC4052, CD74HC4053, CD74HCT4051 :

- Catalog : CD74HC4051, CD74HC4052, CD74HC4053, CD74HCT4051
- Automotive : CD74HC4051-Q1, CD74HCT4051-Q1, CD74HC4051-Q1, CD74HCT4051-Q1
- Enhanced Product : CD74HC4051-EP, CD74HC4051-EP
- Military : CD54HC4051, CD54HC4052, CD54HC4053, CD54HCT4051

NOTE: Qualified Version Definitions:

- Catalog - TI's standard catalog product
- Automotive - Q100 devices qualified for high-reliability automotive applications targeting zero defects
- Enhanced Product - Supports Defense, Aerospace and Medical Applications

- Military - QML certified for Military and Defense Applications