

## 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
7901502EA	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	7901502EA CD4052BF3A	<a href="#">Samples</a>
8101801EA	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	8101801EA CD4053BF3A	<a href="#">Samples</a>
CD4051BE	ACTIVE	PDIP	N	16	25	RoHS & Green	NIPDAU	N / A for Pkg Type	-55 to 125	CD4051BE	<a href="#">Samples</a>
CD4051BEE4	OBSOLETE	PDIP	N	16		TBD	Call TI	Call TI	-55 to 125	CD4051BE	
CD4051BF	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	CD4051BF	<a href="#">Samples</a>
CD4051BF3A	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	CD4051BF3A	<a href="#">Samples</a>
CD4051BM	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	CD4051BM	
CD4051BM96	ACTIVE	SOIC	D	16	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	CD4051BM	<a href="#">Samples</a>
CD4051BM96G3	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	CD4051BM	
CD4051BM96G4	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	CD4051BM	
CD4051BMT	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	CD4051BM	
CD4051BNSR	ACTIVE	SO	NS	16	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	CD4051B	<a href="#">Samples</a>
CD4051BPW	OBSOLETE	TSSOP	PW	16		TBD	Call TI	Call TI	-55 to 125	CM051B	
CD4051BPWR	ACTIVE	TSSOP	PW	16	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	CM051B	<a href="#">Samples</a>
CD4051BPWRG4	OBSOLETE	TSSOP	PW	16		TBD	Call TI	Call TI	-55 to 125	CM051B	
CD4052BE	ACTIVE	PDIP	N	16	25	RoHS & Green	NIPDAU	N / A for Pkg Type	-55 to 125	CD4052BE	<a href="#">Samples</a>
CD4052BEE4	ACTIVE	PDIP	N	16	25	RoHS & Green	NIPDAU	N / A for Pkg Type	-55 to 125	CD4052BE	<a href="#">Samples</a>
CD4052BF	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	CD4052BF	<a href="#">Samples</a>
CD4052BF3A	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	7901502EA CD4052BF3A	<a href="#">Samples</a>
CD4052BM	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	CD4052BM	
CD4052BM96	ACTIVE	SOIC	D	16	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	CD4052BM	<a href="#">Samples</a>

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
CD4052BM96G3	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	CD4052BM	
CD4052BM96G4	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	CD4052BM	
CD4052BMT	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	CD4052BM	
CD4052BNSR	ACTIVE	SO	NS	16	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	CD4052B	<a href="#">Samples</a>
CD4052BPW	OBSOLETE	TSSOP	PW	16		TBD	Call TI	Call TI	-55 to 125	CM052B	
CD4052BPWR	ACTIVE	TSSOP	PW	16	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	CM052B	<a href="#">Samples</a>
CD4052BPWRG3	OBSOLETE	TSSOP	PW	16		TBD	Call TI	Call TI	-55 to 125	CM052B	
CD4052BPWRG4	OBSOLETE	TSSOP	PW	16		TBD	Call TI	Call TI	-55 to 125	CM052B	
CD4053BE	ACTIVE	PDIP	N	16	25	RoHS & Green	NIPDAU	N / A for Pkg Type	-55 to 125	CD4053BE	<a href="#">Samples</a>
CD4053BEE4	ACTIVE	PDIP	N	16	25	RoHS & Green	NIPDAU	N / A for Pkg Type	-55 to 125	CD4053BE	<a href="#">Samples</a>
CD4053BF	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	CD4053BF	<a href="#">Samples</a>
CD4053BF3A	ACTIVE	CDIP	J	16	25	Non-RoHS & Green	SNPB	N / A for Pkg Type	-55 to 125	8101801EA CD4053BF3A	<a href="#">Samples</a>
CD4053BM	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	CD4053M	
CD4053BM96	ACTIVE	SOIC	D	16	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	CD4053M	<a href="#">Samples</a>
CD4053BM96G3	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	CD4053M	
CD4053BM96G4	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	CD4053M	
CD4053BMT	OBSOLETE	SOIC	D	16		TBD	Call TI	Call TI	-55 to 125	CD4053M	
CD4053BNSR	ACTIVE	SO	NS	16	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	CD4053B	<a href="#">Samples</a>
CD4053BPW	OBSOLETE	TSSOP	PW	16		TBD	Call TI	Call TI	-55 to 125	CM053B	
CD4053BPWR	ACTIVE	TSSOP	PW	16	2000	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-55 to 125	CM053B	<a href="#">Samples</a>
CD4053BPWRG3	OBSOLETE	TSSOP	PW	16		TBD	Call TI	Call TI	-55 to 125	CM053B	
CD4053BPWRG4	OBSOLETE	TSSOP	PW	16		TBD	Call TI	Call TI	-55 to 125	CM053B	

(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.

<sup>(2)</sup> **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  $\leq 1000$ ppm threshold. Antimony trioxide based flame retardants must also meet the  $\leq 1000$ ppm threshold requirement.

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

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

<sup>(5)</sup> 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.

<sup>(6)</sup> 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.

**Important Information and Disclaimer:** The information provided on this page represents TI's knowledge and belief as of the date that it is provided. TI bases its knowledge and belief on information provided by third parties, and makes no representation or warranty as to the accuracy of such information. Efforts are underway to better integrate information from third parties. TI has taken and continues to take reasonable steps to provide representative and accurate information but may not have conducted destructive testing or chemical analysis on incoming materials and chemicals. TI and TI suppliers consider certain information to be proprietary, and thus CAS numbers and other limited information may not be available for release.

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 CD4051B, CD4051B-MIL, CD4052B, CD4052B-MIL, CD4053B, CD4053B-MIL :**

- Catalog : [CD4051B](#), [CD4052B](#), [CD4053B](#)
- Automotive : [CD4051B-Q1](#), [CD4051B-Q1](#), [CD4053B-Q1](#), [CD4053B-Q1](#)
- Military : [CD4051B-MIL](#), [CD4052B-MIL](#), [CD4053B-MIL](#)

NOTE: Qualified Version Definitions:

- Catalog - TI's standard catalog product

- Automotive - Q100 devices qualified for high-reliability automotive applications targeting zero defects
- Military - QML certified for Military and Defense Applications