

PACKAGING INFORMATION

Orderable part number	Status (1)	Material type (2)	Package Pins	Package qty Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
TCAN1051DQ1	Obsolete	Production	SOIC (D) 8	-	-	Call TI	Call TI	-55 to 125	1051
TCAN1051DRBRQ1	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051DRBRQ1.A	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051DRBRQ1.B	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051DRBTQ1	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051DRBTQ1.A	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051DRBTQ1.B	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051DRQ1	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051
TCAN1051DRQ1.A	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051
TCAN1051DRQ1.B	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051
TCAN1051GDQ1	Obsolete	Production	SOIC (D) 8	-	-	Call TI	Call TI	-55 to 125	1051
TCAN1051GDRBRQ1	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051GDRBRQ1.A	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051GDRBRQ1.B	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051GDRBTQ1	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051GDRBTQ1.A	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051GDRBTQ1.B	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051GDRQ1	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051
TCAN1051GDRQ1.A	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051
TCAN1051GDRQ1.B	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051
TCAN1051GVDQ1	Active	Production	SOIC (D) 8	75 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051V
TCAN1051GVDQ1.A	Active	Production	SOIC (D) 8	75 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051V
TCAN1051GVDQ1.B	Active	Production	SOIC (D) 8	75 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051V
TCAN1051GVDRBRQ1	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051GVDRBRQ1.A	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051GVDRBRQ1.B	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051GVDRBTQ1	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051GVDRBTQ1.A	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051GVDRBTQ1.B	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051V

Orderable part number	Status (1)	Material type (2)	Package Pins	Package qty Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
TCAN1051GVDRQ1	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051V
TCAN1051GVDRQ1.A	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051V
TCAN1051GVDRQ1.B	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051V
TCAN1051HDQ1	Obsolete	Production	SOIC (D) 8	-	-	Call TI	Call TI	-55 to 125	1051
TCAN1051HDRBRQ1	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051HDRBRQ1.A	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051HDRBRQ1.B	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051HDRBTQ1	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051HDRBTQ1.A	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051HDRBTQ1.B	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051HDRQ1	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051
TCAN1051HDRQ1.A	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051
TCAN1051HDRQ1.B	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051
TCAN1051HGDQ1	Obsolete	Production	SOIC (D) 8	-	-	Call TI	Call TI	-55 to 125	1051
TCAN1051HGDRBRQ1	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051HGDRBRQ1.A	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051HGDRBRQ1.B	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051HGDRBTQ1	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051HGDRBTQ1.A	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051HGDRBTQ1.B	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051
TCAN1051HGDRQ1	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051
TCAN1051HGDRQ1.A	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051
TCAN1051HGDRQ1.B	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051
TCAN1051HGVDQ1	Obsolete	Production	SOIC (D) 8	-	-	Call TI	Call TI	-55 to 125	1051V
TCAN1051HGVDRBRQ1	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051HGVDRBRQ1.A	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051HGVDRBRQ1.B	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051HGVDRBTQ1	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051HGVDRBTQ1.A	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051HGVDRBTQ1.B	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051HGVDRQ1	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051V

Orderable part number	Status (1)	Material type (2)	Package Pins	Package qty Carrier	RoHS (3)	Lead finish/ Ball material (4)	MSL rating/ Peak reflow (5)	Op temp (°C)	Part marking (6)
TCAN1051HGVDRQ1.A	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051V
TCAN1051HGVDRQ1.B	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051V
TCAN1051HVDQ1	Obsolete	Production	SOIC (D) 8	-	-	Call TI	Call TI	-55 to 125	1051V
TCAN1051HVD RBRQ1	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051HVD RBRQ1.A	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051HVD RBRQ1.B	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051HVD RBTQ1	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051HVD RBTQ1.A	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051HVD RBTQ1.B	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051HVD RQ1	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051V
TCAN1051HVD RQ1.A	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051V
TCAN1051HVD RQ1.B	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051V
TCAN1051VDQ1	Obsolete	Production	SOIC (D) 8	-	-	Call TI	Call TI	-55 to 125	1051V
TCAN1051VD RBRQ1	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051VD RBRQ1.A	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051VD RBRQ1.B	Active	Production	SON (DRB) 8	3000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051VD RBTQ1	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU SN	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051VD RBTQ1.A	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051VD RBTQ1.B	Active	Production	SON (DRB) 8	250 SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1051V
TCAN1051VD RQ1	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051V
TCAN1051VD RQ1.A	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051V
TCAN1051VD RQ1.B	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1051V

⁽¹⁾ **Status:** For more details on status, see our [product life cycle](#).

⁽²⁾ **Material type:** When designated, preproduction parts are prototypes/experimental devices, and are not yet approved or released for full production. Testing and final process, including without limitation quality assurance, reliability performance testing, and/or process qualification, may not yet be complete, and this item is subject to further changes or possible discontinuation. If available for ordering, purchases will be subject to an additional waiver at checkout, and are intended for early internal evaluation purposes only. These items are sold without warranties of any kind.

⁽³⁾ **RoHS values:** Yes, No, RoHS Exempt. See the [TI RoHS Statement](#) for additional information and value definition.

(4) **Lead finish/Ball material:** Parts 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.

(5) **MSL rating/Peak reflow:** The moisture sensitivity level ratings and peak solder (reflow) temperatures. In the event that a part has multiple moisture sensitivity ratings, only the lowest level per JEDEC standards is shown. Refer to the shipping label for the actual reflow temperature that will be used to mount the part to the printed circuit board.

(6) **Part marking:** There may be an additional marking, which relates to the logo, the lot trace code information, or the environmental category of the part.

Multiple part markings will be inside parentheses. Only one part marking contained in parentheses and separated by a "~" will appear on a part. If a line is indented then it is a continuation of the previous line and the two combined represent the entire part marking for that device.

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 TCAN1051H-Q1, TCAN1051HG-Q1, TCAN1051HGV-Q1, TCAN1051HV-Q1 :

- Catalog : [TCAN1051H](#), [TCAN1051HG](#), [TCAN1051HGV](#), [TCAN1051HV](#)

NOTE: Qualified Version Definitions:

- Catalog - TI's standard catalog product