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)
TCAN1042DQ1	Obsolete	Production	SOIC (D) | 8	-	-	Call TI	Call TI	-55 to 125	1042
TCAN1042DRBRQ1	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU | SN	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042DRBRQ1.A	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042DRBRQ1.B	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042DRBTQ1	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU | SN	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042DRBTQ1.B	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042DRQ1	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042
TCAN1042DRQ1.A	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042
TCAN1042DRQ1.B	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042
TCAN1042GDQ1	Obsolete	Production	SOIC (D) | 8	-	-	Call TI	Call TI	-55 to 125	1042
TCAN1042GDRBRQ1	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU | SN	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042GDRBRQ1.A	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042GDRBRQ1.B	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042GDRBTQ1	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU | SN	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042GDRBTQ1.B	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042GDRQ1	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042
TCAN1042GDRQ1.A	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042
TCAN1042GDRQ1.B	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042
TCAN1042GVDQ1	Obsolete	Production	SOIC (D) | 8	-	-	Call TI	Call TI	-55 to 125	1042V
TCAN1042GVDRBRQ1	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU | SN	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042GVDRBRQ1.A	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042GVDRBRQ1.B	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042GVDRBTQ1	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU | SN	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042GVDRBTQ1.A	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042GVDRBTQ1.B	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042GVDRQ1	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042V
TCAN1042GVDRQ1.A	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042V
TCAN1042GVDRQ1.B	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042V
TCAN1042HDQ1	Obsolete	Production	SOIC (D) | 8	-	-	Call TI	Call TI	-55 to 125	1042

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)
TCAN1042HDRBRQ1	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU | SN	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042HDRBRQ1.A	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042HDRBRQ1.B	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042HDRBTQ1	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU | SN	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042HDRBTQ1.B	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042HDRQ1	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042
TCAN1042HDRQ1.A	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042
TCAN1042HDRQ1.B	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042
TCAN1042HGDQ1	Obsolete	Production	SOIC (D) | 8	-	-	Call TI	Call TI	-55 to 125	1042
TCAN1042HGDRBRQ1	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU | SN	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042HGDRBRQ1.A	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042HGDRBRQ1.B	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042HGDRBTQ1	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU | SN	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042HGDRBTQ1.A	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042HGDRBTQ1.B	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042
TCAN1042HGDRQ1	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042
TCAN1042HGDRQ1.A	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042
TCAN1042HGDRQ1.B	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042
TCAN1042HGVDQ1	Obsolete	Production	SOIC (D) | 8	-	-	Call TI	Call TI	-55 to 125	1042V
TCAN1042HGVDRBRQ1	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU | SN	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042HGVDRBRQ1.A	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042HGVDRBRQ1.B	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042HGVDRBTQ1	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU | SN	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042HGVDRBTQ1.A	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042HGVDRBTQ1.B	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042HGVDRQ1	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042V
TCAN1042HGVDRQ1.A	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042V
TCAN1042HGVDRQ1.B	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042V
TCAN1042HVDQ1	Obsolete	Production	SOIC (D) | 8	-	-	Call TI	Call TI	-55 to 125	1042V
TCAN1042HVDRBRQ1	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU | SN	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042HVDRBRQ1.A	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042V

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)
TCAN1042HVDRBRQ1.B	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042HVDRBTQ1	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU | SN	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042HVDRBTQ1.A	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042HVDRBTQ1.B	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042HVDRQ1	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042V
TCAN1042HVDRQ1.A	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042V
TCAN1042HVDRQ1.B	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042V
TCAN1042VDQ1	Obsolete	Production	SOIC (D) | 8	-	-	Call TI	Call TI	-55 to 125	1042V
TCAN1042VDRBRQ1	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU | SN	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042VDRBRQ1.A	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042VDRBRQ1.B	Active	Production	SON (DRB) | 8	3000 | LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042VDRBTQ1	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU | SN	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042VDRBTQ1.A	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042VDRBTQ1.B	Active	Production	SON (DRB) | 8	250 | SMALL T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-55 to 125	1042V
TCAN1042VDRQ1	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042V
TCAN1042VDRQ1.A	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042V
TCAN1042VDRQ1.B	Active	Production	SOIC (D) | 8	2500 | LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-55 to 125	1042V

(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.

OTHER QUALIFIED VERSIONS OF TCAN1042H-Q1, TCAN1042HG-Q1, TCAN1042HGV-Q1, TCAN1042HV-Q1 :

- Catalog : TCAN1042H, TCAN1042HG, TCAN1042HGV, TCAN1042HV

NOTE: Qualified Version Definitions:

- Catalog - TI's standard catalog product