

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)
SN78MCD CYR	Active	Production	SOT-223 (DCY) 4	2500 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C5
UA78M05CDCY	Active	Production	SOT-223 (DCY) 4	80 TUBE	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C5
UA78M05CDCY.A	Active	Production	SOT-223 (DCY) 4	80 TUBE	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C5
UA78M05CDCY G3	Active	Production	SOT-223 (DCY) 4	80 TUBE	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C5
UA78M05CDCYR	Active	Production	SOT-223 (DCY) 4	2500 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C5
UA78M05CDCYR.A	Active	Production	SOT-223 (DCY) 4	2500 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C5
UA78M05CDCYRG3	Active	Production	SOT-223 (DCY) 4	2500 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C5
UA78M05CKCS	Active	Production	TO-220 (KCS) 3	50 TUBE	Yes	SN	N/A for Pkg Type	0 to 125	UA78M05C
UA78M05CKCS.A	Active	Production	TO-220 (KCS) 3	50 TUBE	Yes	SN	N/A for Pkg Type	0 to 125	UA78M05C
UA78M05CKCSE3	Active	Production	TO-220 (KCS) 3	50 TUBE	Yes	SN	N/A for Pkg Type	0 to 125	UA78M05C
UA78M05CKVURG3	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	0 to 125	78M05C
UA78M05CKVURG3.A	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	0 to 125	78M05C
UA78M05IDCY	Active	Production	SOT-223 (DCY) 4	80 TUBE	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	(C5, J5)
UA78M05IDCY.A	Active	Production	SOT-223 (DCY) 4	80 TUBE	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	(C5, J5)
UA78M05IDCYG3	Active	Production	SOT-223 (DCY) 4	80 TUBE	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	(C5, J5)
UA78M05IDCYR	Active	Production	SOT-223 (DCY) 4	2500 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	(C5, J5)
UA78M05IDCYR.A	Active	Production	SOT-223 (DCY) 4	2500 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	(C5, J5)
UA78M05IDCYRG3	Active	Production	SOT-223 (DCY) 4	2500 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	(C5, J5)
UA78M05IKCS	Active	Production	TO-220 (KCS) 3	50 TUBE	Yes	SN	N/A for Pkg Type	-40 to 125	UA78M05I
UA78M05IKCS.A	Active	Production	TO-220 (KCS) 3	50 TUBE	Yes	SN	N/A for Pkg Type	-40 to 125	UA78M05I
UA78M05IKCSE3	Active	Production	TO-220 (KCS) 3	50 TUBE	Yes	SN	N/A for Pkg Type	-40 to 125	UA78M05I
UA78M05IKVURG3	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	-40 to 125	78M05I
UA78M05IKVURG3.A	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	-40 to 125	78M05I
UA78M06CKVURG3	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	0 to 125	78M06C
UA78M06CKVURG3.A	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	0 to 125	78M06C
UA78M08CDCY	Active	Production	SOT-223 (DCY) 4	80 TUBE	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C8
UA78M08CDCY.A	Active	Production	SOT-223 (DCY) 4	80 TUBE	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C8
UA78M08CDCY G3	Active	Production	SOT-223 (DCY) 4	80 TUBE	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C8
UA78M08CDCYR	Active	Production	SOT-223 (DCY) 4	2500 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C8

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)
UA78M08CDCYR.A	Active	Production	SOT-223 (DCY) 4	2500 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C8
UA78M08CKCS	Active	Production	TO-220 (KCS) 3	50 TUBE	Yes	SN	N/A for Pkg Type	0 to 125	UA78M08C
UA78M08CKCS.A	Active	Production	TO-220 (KCS) 3	50 TUBE	Yes	SN	N/A for Pkg Type	0 to 125	UA78M08C
UA78M08CKCSE3	Active	Production	TO-220 (KCS) 3	50 TUBE	Yes	SN	N/A for Pkg Type	0 to 125	UA78M08C
UA78M08CKVURG3	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	0 to 125	78M08C
UA78M08CKVURG3.A	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	0 to 125	78M08C
UA78M09CKVURG3	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	0 to 125	78M09C
UA78M09CKVURG3.A	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	0 to 125	78M09C
UA78M10CKVURG3	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	0 to 125	78M10C
UA78M10CKVURG3.A	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	0 to 125	78M10C
UA78M12CKCS	Active	Production	TO-220 (KCS) 3	50 TUBE	Yes	SN	N/A for Pkg Type	0 to 125	UA78M12C
UA78M12CKCS.A	Active	Production	TO-220 (KCS) 3	50 TUBE	Yes	SN	N/A for Pkg Type	0 to 125	UA78M12C
UA78M12CKCSE3	Active	Production	TO-220 (KCS) 3	50 TUBE	Yes	SN	N/A for Pkg Type	0 to 125	UA78M12C
UA78M12CKVURG3	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	0 to 125	78M12C
UA78M12CKVURG3.A	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	0 to 125	78M12C
UA78M33CDCY	Active	Production	SOT-223 (DCY) 4	80 TUBE	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C3
UA78M33CDCY.A	Active	Production	SOT-223 (DCY) 4	80 TUBE	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C3
UA78M33CDCYG3	Active	Production	SOT-223 (DCY) 4	80 TUBE	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C3
UA78M33CDCYR	Active	Production	SOT-223 (DCY) 4	2500 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C3
UA78M33CDCYR.A	Active	Production	SOT-223 (DCY) 4	2500 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C3
UA78M33CDCYRG3	Active	Production	SOT-223 (DCY) 4	2500 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	0 to 125	C3
UA78M33CKCS	Active	Production	TO-220 (KCS) 3	50 TUBE	Yes	SN	N/A for Pkg Type	0 to 125	UA78M33C
UA78M33CKCS.A	Active	Production	TO-220 (KCS) 3	50 TUBE	Yes	SN	N/A for Pkg Type	0 to 125	UA78M33C
UA78M33CKCSE3	Active	Production	TO-220 (KCS) 3	50 TUBE	Yes	SN	N/A for Pkg Type	0 to 125	UA78M33C
UA78M33CKVURG3	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	0 to 125	78M33C
UA78M33CKVURG3.A	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	0 to 125	78M33C
UA78M33IKVURG3	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	-40 to 125	78M33I
UA78M33IKVURG3.A	Active	Production	TO-252 (KVU) 3	2500 LARGE T&R	Yes	SN	Level-3-260C-168 HR	-40 to 125	78M33I

⁽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 UA78M :

- Automotive : [UA78M-Q1](#)

NOTE: Qualified Version Definitions:

- Automotive - Q100 devices qualified for high-reliability automotive applications targeting zero defects