

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
SN78MCD CYR	ACTIVE	SOT-223	DCY	4	2500	RoHS & Green	SN	Level-2-260C-1 YEAR	0 to 125	C5	Samples
UA78M05C DCY	ACTIVE	SOT-223	DCY	4	80	RoHS & Green	SN	Level-2-260C-1 YEAR	0 to 125	C5	Samples
UA78M05C DCY G3	ACTIVE	SOT-223	DCY	4	80	RoHS & Green	SN	Level-2-260C-1 YEAR	0 to 125	C5	Samples
UA78M05C DCY R	ACTIVE	SOT-223	DCY	4	2500	RoHS & Green	SN	Level-2-260C-1 YEAR	0 to 125	C5	Samples
UA78M05C DCY R G3	ACTIVE	SOT-223	DCY	4	2500	RoHS & Green	SN	Level-2-260C-1 YEAR	0 to 125	C5	Samples
UA78M05C KCS	ACTIVE	TO-220	KCS	3	50	RoHS & Green	SN	N / A for Pkg Type	0 to 125	UA78M05C	Samples
UA78M05C KCS E3	ACTIVE	TO-220	KCS	3	50	RoHS & Green	SN	N / A for Pkg Type	0 to 125	UA78M05C	Samples
UA78M05C K VUR G3	ACTIVE	TO-252	KVU	3	2500	RoHS & Green	SN	Level-3-260C-168 HR	0 to 125	78M05C	Samples
UA78M05I DCY	ACTIVE	SOT-223	DCY	4	80	RoHS & Green	SN	Level-2-260C-1 YEAR	-40 to 125	J5	Samples
UA78M05I DCY G3	ACTIVE	SOT-223	DCY	4	80	RoHS & Green	SN	Level-2-260C-1 YEAR	-40 to 125	J5	Samples
UA78M05I DCY R	ACTIVE	SOT-223	DCY	4	2500	RoHS & Green	SN	Level-2-260C-1 YEAR	-40 to 125	J5	Samples
UA78M05I DCY R G3	ACTIVE	SOT-223	DCY	4	2500	RoHS & Green	SN	Level-2-260C-1 YEAR	-40 to 125	J5	Samples
UA78M05I KCS	ACTIVE	TO-220	KCS	3	50	RoHS & Green	SN	N / A for Pkg Type	-40 to 125	UA78M05I	Samples
UA78M05I KCS E3	ACTIVE	TO-220	KCS	3	50	RoHS & Green	SN	N / A for Pkg Type	-40 to 125	UA78M05I	Samples
UA78M05I K VUR G3	ACTIVE	TO-252	KVU	3	2500	RoHS & Green	SN	Level-3-260C-168 HR	-40 to 125	78M05I	Samples
UA78M06C K VUR G3	ACTIVE	TO-252	KVU	3	2500	RoHS & Green	SN	Level-3-260C-168 HR	0 to 125	78M06C	Samples
UA78M08C DCY	ACTIVE	SOT-223	DCY	4	80	RoHS & Green	SN	Level-2-260C-1 YEAR	0 to 125	C8	Samples
UA78M08C DCY G3	ACTIVE	SOT-223	DCY	4	80	RoHS & Green	SN	Level-2-260C-1 YEAR	0 to 125	C8	Samples
UA78M08C DCY R	ACTIVE	SOT-223	DCY	4	2500	RoHS & Green	SN	Level-2-260C-1 YEAR	0 to 125	C8	Samples
UA78M08C DCY R G3	ACTIVE	SOT-223	DCY	4	2500	RoHS & Green	SN	Level-2-260C-1 YEAR	0 to 125	C8	Samples
UA78M08C KCS	ACTIVE	TO-220	KCS	3	50	RoHS & Green	SN	N / A for Pkg Type	0 to 125	UA78M08C	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
UA78M08CKCSE3	ACTIVE	TO-220	KCS	3	50	RoHS & Green	SN	N / A for Pkg Type	0 to 125	UA78M08C	Samples
UA78M08CKVURG3	ACTIVE	TO-252	KVU	3	2500	RoHS & Green	SN	Level-3-260C-168 HR	0 to 125	78M08C	Samples
UA78M09CKVURG3	ACTIVE	TO-252	KVU	3	2500	RoHS & Green	SN	Level-3-260C-168 HR	0 to 125	78M09C	Samples
UA78M10CKVURG3	ACTIVE	TO-252	KVU	3	2500	RoHS & Green	SN	Level-3-260C-168 HR	0 to 125	78M10C	Samples
UA78M12CKCS	ACTIVE	TO-220	KCS	3	50	RoHS & Green	SN	N / A for Pkg Type	0 to 125	UA78M12C	Samples
UA78M12CKCSE3	ACTIVE	TO-220	KCS	3	50	RoHS & Green	SN	N / A for Pkg Type	0 to 125	UA78M12C	Samples
UA78M12CKVURG3	ACTIVE	TO-252	KVU	3	2500	RoHS & Green	SN	Level-3-260C-168 HR	0 to 125	78M12C	Samples
UA78M33CDCY	ACTIVE	SOT-223	DCY	4	80	RoHS & Green	SN	Level-2-260C-1 YEAR	0 to 125	C3	Samples
UA78M33CDCYG3	ACTIVE	SOT-223	DCY	4	80	RoHS & Green	SN	Level-2-260C-1 YEAR	0 to 125	C3	Samples
UA78M33CDCYR	ACTIVE	SOT-223	DCY	4	2500	RoHS & Green	SN	Level-2-260C-1 YEAR	0 to 125	C3	Samples
UA78M33CDCYRG3	ACTIVE	SOT-223	DCY	4	2500	RoHS & Green	SN	Level-2-260C-1 YEAR	0 to 125	C3	Samples
UA78M33CKCS	ACTIVE	TO-220	KCS	3	50	RoHS & Green	SN	N / A for Pkg Type	0 to 125	UA78M33C	Samples
UA78M33CKCSE3	ACTIVE	TO-220	KCS	3	50	RoHS & Green	SN	N / A for Pkg Type	0 to 125	UA78M33C	Samples
UA78M33CKVURG3	ACTIVE	TO-252	KVU	3	2500	RoHS & Green	SN	Level-3-260C-168 HR	0 to 125	78M33C	Samples
UA78M33IKVURG3	ACTIVE	TO-252	KVU	3	2500	RoHS & Green	SN	Level-3-260C-168 HR	-40 to 125	78M33I	Samples

(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.

OBSELETE: 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 ≤ 1000 ppm threshold. Antimony trioxide based flame retardants must also meet the ≤ 1000 ppm 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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OTHER QUALIFIED VERSIONS OF UA78M :

- Automotive : [UA78M-Q1](#)

NOTE: Qualified Version Definitions:

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