

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
LMV321M5	LIFEBUY	SOT-23	DBV	5	1000	Non-RoHS & Green	Call TI	Level-1-260C-UNLIM	-40 to 125	A13	
LMV321M5/NOPB	ACTIVE	SOT-23	DBV	5	1000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	A13	Samples
LMV321M5X/NOPB	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	A13	Samples
LMV321M7/NOPB	ACTIVE	SC70	DCK	5	1000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	A12	Samples
LMV321M7X	LIFEBUY	SC70	DCK	5	3000	Non-RoHS & Green	Call TI	Level-1-260C-UNLIM	-40 to 125	A12	
LMV321M7X/NOPB	ACTIVE	SC70	DCK	5	3000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	A12	Samples
LMV321Q1M5/NOPB	ACTIVE	SOT-23	DBV	5	1000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	AYA	Samples
LMV321Q1M5X/NOPB	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	AYA	Samples
LMV321Q3M5/NOPB	ACTIVE	SOT-23	DBV	5	1000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 85	AZA	Samples
LMV321Q3M5X/NOPB	ACTIVE	SOT-23	DBV	5	3000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 85	AZA	Samples
LMV324M/NOPB	ACTIVE	SOIC	D	14	55	RoHS & Green	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	LMV324M	Samples
LMV324MT/NOPB	ACTIVE	TSSOP	PW	14	94	RoHS & Green	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	LMV324 MT	Samples
LMV324MTX/NOPB	ACTIVE	TSSOP	PW	14	2500	RoHS & Green	NIPDAU SN	Level-2-260C-1 YEAR	-40 to 125	LMV324 MT	Samples
LMV324MX/NOPB	ACTIVE	SOIC	D	14	2500	RoHS & Green	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	LMV324M	Samples
LMV324Q1MA/NOPB	ACTIVE	SOIC	D	14	55	RoHS & Green	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	LMV324Q1 MA	Samples
LMV324Q1MAX/NOPB	ACTIVE	SOIC	D	14	2500	RoHS & Green	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	LMV324Q1 MA	Samples
LMV324Q1MT/NOPB	ACTIVE	TSSOP	PW	14	94	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	LMV324 Q1MT	Samples
LMV324Q1MTX/NOPB	ACTIVE	TSSOP	PW	14	2500	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	LMV324 Q1MT	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
LMV324Q3MA/NOPB	ACTIVE	SOIC	D	14	55	RoHS & Green	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	LMV324Q3 MA	Samples
LMV324Q3MAX/NOPB	ACTIVE	SOIC	D	14	2500	RoHS & Green	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	LMV324Q3 MA	Samples
LMV324Q3MT/NOPB	ACTIVE	TSSOP	PW	14	94	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 85	LMV324 Q3MT	Samples
LMV324Q3MTX/NOPB	ACTIVE	TSSOP	PW	14	2500	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 85	LMV324 Q3MT	Samples
LMV358M	LIFEBUY	SOIC	D	8	95	Non-RoHS & Green	Call TI	Level-1-235C-UNLIM	-40 to 125	LMV 358M	
LMV358M/NOPB	ACTIVE	SOIC	D	8	95	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	LMV 358M	Samples
LMV358MM/NOPB	ACTIVE	VSSOP	DGK	8	1000	RoHS & Green	NIPDAUAG SN	Level-2-260C-1 YEAR	-40 to 125	V358	Samples
LMV358MMX/NOPB	ACTIVE	VSSOP	DGK	8	3500	RoHS & Green	NIPDAUAG SN	Level-2-260C-1 YEAR	-40 to 125	V358	Samples
LMV358MX	LIFEBUY	SOIC	D	8	2500	Non-RoHS & Green	Call TI	Level-1-235C-UNLIM	-40 to 125	LMV 358M	
LMV358MX/NOPB	ACTIVE	SOIC	D	8	2500	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	LMV 358M	Samples
LMV358Q1MA/NOPB	ACTIVE	SOIC	D	8	95	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	LMV35 8Q1MA	Samples
LMV358Q1MAX/NOPB	ACTIVE	SOIC	D	8	2500	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	LMV35 8Q1MA	Samples
LMV358Q1MM/NOPB	ACTIVE	VSSOP	DGK	8	1000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	AFAA	Samples
LMV358Q1MMX/NOPB	ACTIVE	VSSOP	DGK	8	3500	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 125	AFAA	Samples
LMV358Q3MA/NOPB	ACTIVE	SOIC	D	8	95	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 85	LMV35 8Q3MA	Samples
LMV358Q3MAX/NOPB	ACTIVE	SOIC	D	8	2500	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 85	LMV35 8Q3MA	Samples
LMV358Q3MM/NOPB	ACTIVE	VSSOP	DGK	8	1000	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 85	AHAA	Samples
LMV358Q3MMX/NOPB	ACTIVE	VSSOP	DGK	8	3500	RoHS & Green	SN	Level-1-260C-UNLIM	-40 to 85	AHAA	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.

OBSOLETE: 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 LMV321-N, LMV321-N-Q1, LMV324-N, LMV324-N-Q1, LMV358-N, LMV358-N-Q1 :

● Catalog : [LMV321-N](#), [LMV324-N](#), [LMV358-N](#)

● Automotive : [LMV321-N-Q1](#), [LMV324-N-Q1](#), [LMV358-N-Q1](#)

NOTE: Qualified Version Definitions:

- Catalog - TI's standard catalog product
- Automotive - Q100 devices qualified for high-reliability automotive applications targeting zero defects