

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)
TL431ACD	Active	Production	SOIC (D) 8	75 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	0 to 70	431AC
TL431ACDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	(TACG, TACJ, TACS)
TL431ACDBVT	Active	Production	SOT-23 (DBV) 5	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	(TACG, TACJ, TACU)
TL431ACDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	(TAC3, TACG, TACS, TACU)
TL431ACDBZRG4	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	0 to 70	TAC3
TL431ACDBZT	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	(TAC3, TACG, TACS, TACU)
TL431ACDBZTG4	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	0 to 70	TAC3
TL431ACDCKR	Active	Production	SC70 (DCK) 6	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	(T4S, T4U)
TL431ACDR	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	0 to 70	431AC
TL431ACDRG4	Obsolete	Production	SOIC (D) 8	-	-	Call TI	Call TI	0 to 70	431AC
TL431ACLP	Active	Production	TO-92 (LP) 3	1000 BULK	Yes	SN	N/A for Pkg Type	0 to 70	TL431AC
TL431ACLPM	Active	Production	TO-92 (LP) 3	2000 AMMO	Yes	SN	N/A for Pkg Type	0 to 70	TL431AC
TL431ACLPR	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	SN	N/A for Pkg Type	0 to 70	TL431AC
TL431ACP	Active	Production	PDIP (P) 8	50 TUBE	Yes	NIPDAU	N/A for Pkg Type	0 to 70	TL431ACP
TL431ACPK	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	0 to 70	4A
TL431ACPSR	Active	Production	SO (PS) 8	2000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	0 to 70	T431A
TL431ACPWR	Active	Production	TSSOP (PW) 8	2000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	0 to 70	T431A
TL431AID	Active	Production	SOIC (D) 8	75 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	431AI
TL431AIDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	(TAIG, TAIJ, TAIS)
TL431AIDBVRG4	Obsolete	Production	SOT-23 (DBV) 5	-	-	Call TI	Call TI	-40 to 85	TAIG
TL431AIDBVT	Active	Production	SOT-23 (DBV) 5	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	(TAIG, TAIJ, TAIU)
TL431AIDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	(T3AG, TAI3, TAIS, TAIU)
TL431AIDBZRG4	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	TAI3

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TL431AIDBZT	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	(T3AG, TAI3, TAIS, TAIU)
TL431AIDBZTG4	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	TAI3
TL431AIDCKR	Active	Production	SC70 (DCK) 6	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	T5U
TL431AIDCKRG4	Active	Production	SC70 (DCK) 6	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	T5U
TL431AIDCKT	Active	Production	SC70 (DCK) 6	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	T5U
TL431AIDR	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	431AI
TL431AIDRG4	Obsolete	Production	SOIC (D) 8	-	-	Call TI	Call TI	-40 to 85	431AI
TL431AILP	Active	Production	TO-92 (LP) 3	1000 BULK	Yes	SN	N/A for Pkg Type	-40 to 85	TL431AI
TL431AILPM	Active	Production	TO-92 (LP) 3	2000 AMMO	Yes	SN	N/A for Pkg Type	-40 to 85	TL431AI
TL431AILPR	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	SN	N/A for Pkg Type	-40 to 85	TL431AI
TL431AIPK	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 85	4B
TL431AQDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	(TAQG, TAQJ, TAQU)
TL431AQDBVT	Active	Production	SOT-23 (DBV) 5	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	(TAQG, TAQJ, TAQU)
TL431AQDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU SN NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	(TAQ3, TAQG, TAQS, TAQU)
TL431AQDBZRG4	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	TAQS
TL431AQDBZT	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU SN NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	(TAQG, TAQS, TAQU)
TL431AQDBZTG4	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	TAQS
TL431AQDCKR	Active	Production	SC70 (DCK) 6	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	T7U
TL431AQDCKT	Active	Production	SC70 (DCK) 6	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	T7U
TL431AQPK	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	4D
TL431BCD	Active	Production	SOIC (D) 8	75 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	0 to 70	T431B
TL431BCDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	(T3GG, T3GJ, T3GU)
TL431BCDBVT	Active	Production	SOT-23 (DBV) 5	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	(T3GG, T3GJ, T3GU)
TL431BCDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	(T3G3, T3GG, T3GS, T3GU)
TL431BCDBZRG4	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	0 to 70	T3G3

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TL431BCDBZT	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	(T3G3, T3GG, T3GS, T3GU)
TL431BCDBZTG4	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	0 to 70	T3G3
TL431BCDCKR	Active	Production	SC70 (DCK) 6	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	T2U
TL431BCDCKT	Active	Production	SC70 (DCK) 6	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	T2U
TL431BCDR	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	0 to 70	T431B
TL431BCLP	Active	Production	TO-92 (LP) 3	1000 BULK	Yes	SN	N/A for Pkg Type	0 to 70	T431B
TL431BCLPR	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	SN	N/A for Pkg Type	0 to 70	T431B
TL431BCPK	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	0 to 70	4C
TL431BID	Active	Production	SOIC (D) 8	75 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	Z431B
TL431BIDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	(T3FG, T3FJ, T3FU)
TL431BIDBVT	Active	Production	SOT-23 (DBV) 5	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	(T3FG, T3FJ, T3FU)
TL431BIDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	(T3F3, T3FG, T3FS, T3FU)
TL431BIDBZRG4	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	T3F3
TL431BIDBZT	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	(T3F3, T3FG, T3FS, T3FU)
TL431BIDBZTG4	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	T3F3
TL431BIDCKR	Active	Production	SC70 (DCK) 6	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	T3U
TL431BIDCKT	Active	Production	SC70 (DCK) 6	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	T3U
TL431BIDR	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	Z431B
TL431BIDRG4	Obsolete	Production	SOIC (D) 8	-	-	Call TI	Call TI	-40 to 85	Z431B
TL431BILP	Active	Production	TO-92 (LP) 3	1000 BULK	Yes	SN	N/A for Pkg Type	-40 to 85	Z431B
TL431BILPR	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	SN	N/A for Pkg Type	-40 to 85	Z431B
TL431BIP	Obsolete	Production	PDIP (P) 8	-	-	Call TI	Call TI	-40 to 85	TL431BIP
TL431BIPK	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 85	4I
TL431BQD	Active	Production	SOIC (D) 8	75 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	T431BQ
TL431BQDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	(T3HJ, T3HU)
TL431BQDBVT	Active	Production	SOT-23 (DBV) 5	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	(T3HJ, T3HU)

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TL431BQDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU SN NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	(T3H3, T3HG, T3HS, T3HU)
TL431BQDBZRG4	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	T3HS
TL431BQDBZT	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU SN NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	(T3HG, T3HS, T3HU)
TL431BQDBZTG4	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	T3HS
TL431BQDCKR	Active	Production	SC70 (DCK) 6	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	T8U
TL431BQDCKT	Active	Production	SC70 (DCK) 6	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	T8U
TL431BQDR	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	T431BQ
TL431BQLP	Active	Production	TO-92 (LP) 3	1000 BULK	Yes	SN	N/A for Pkg Type	-40 to 125	T431BQ
TL431BQLPM	Active	Production	TO-92 (LP) 3	2000 AMMO	Yes	SN	N/A for Pkg Type	-40 to 125	T431BQ
TL431BQLPR	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	SN	N/A for Pkg Type	-40 to 125	T431BQ
TL431BQPK	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	3H
TL431CD	Active	Production	SOIC (D) 8	75 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	0 to 70	TL431C
TL431CDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	(T3CG, T3CJ, T3CS, T3HJ)
TL431CDBVT	Active	Production	SOT-23 (DBV) 5	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	(T3CG, T3CJ, T3CS)
TL431CDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	(T3C3, T3CG, T3CS, T3CU)
TL431CDBZRG4	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	0 to 70	T3C3
TL431CDBZT	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	(T3CG, T3CS, T3CU)
TL431CDBZTG4	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	0 to 70	T3CS
TL431CDG4	Active	Production	SOIC (D) 8	75 TUBE	-	Call TI	Call TI	0 to 70	
TL431CDR	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	0 to 70	TL431C
TL431CDR-J	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	0 to 70	TL431C
TL431CDRG4	Obsolete	Production	SOIC (D) 8	-	-	Call TI	Call TI	0 to 70	TL431C
TL431CLP	Active	Production	TO-92 (LP) 3	1000 BULK	Yes	SN	N/A for Pkg Type	0 to 70	TL431C
TL431CLP-Z	Active	Production	TO-92 (LP) 3	2000 AMMO	Yes	SN	N/A for Pkg Type	-	TL431C
TL431CLPM	Active	Production	TO-92 (LP) 3	2000 AMMO	Yes	SN	N/A for Pkg Type	0 to 70	TL431C
TL431CLPR	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	SN	N/A for Pkg Type	0 to 70	TL431C

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TL431CPK	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	0 to 70	43
TL431CPKE6	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SNBI	Level-1-260C-UNLIM	0 to 70	43
TL431CPSR	Obsolete	Production	SO (PS) 8	-	-	Call TI	Call TI	0 to 70	T431
TL431ID	Active	Production	SOIC (D) 8	75 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	TL431I
TL431IDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	(T3IG, T3IJ, T3IS)
TL431IDBVT	Active	Production	SOT-23 (DBV) 5	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	(T3IG, T3IJ, T3IU)
TL431IDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU SN NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	(T3I3, T3IG, T3IS, T3IU)
TL431IDBZRG4	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	T3IS
TL431IDBZT	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU SN NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	(T3IG, T3IS, T3IU)
TL431IDBZTG4	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	T3IS
TL431IDR	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	TL431I
TL431IDRG4	Obsolete	Production	SOIC (D) 8	-	-	Call TI	Call TI	-40 to 85	TL431I
TL431ILP	Active	Production	TO-92 (LP) 3	1000 BULK	Yes	SN	N/A for Pkg Type	-40 to 85	TL431I
TL431ILPR	Active	Production	TO-92 (LP) 3	2000 LARGE T&R	Yes	SN	N/A for Pkg Type	-40 to 85	TL431I
TL431IP	Obsolete	Production	PDIP (P) 8	-	-	Call TI	Call TI	-40 to 85	TL431IP
TL431IPK	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 85	3I
TL431IPK3	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SNBI	Level-1-260C-UNLIM	-40 to 85	3I
TL431IQD	Active	Production	SOIC (D) 8	75 TUBE	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	T431Q
TL431IQDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	(T3QG, T3QJ, T3QU)
TL431IQDBVT	Active	Production	SOT-23 (DBV) 5	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	(T3QG, T3QJ, T3QU)
TL431IQDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU SN NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	(T3Q3, T3QG, T3QS, T3QU)
TL431IQDBZRG4	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	T3QS
TL431IQDBZT	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU SN NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	(T3QG, T3QS, T3QU)
TL431IQDBZTG4	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	T3QS
TL431IQDCKR	Active	Production	SC70 (DCK) 6	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	T6U

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TL431QDCKT	Active	Production	SC70 (DCK) 6	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	T6U
TL431QDR	Active	Production	SOIC (D) 8	2500 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 125	T431Q
TL431QPK	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	3Q
TL432ACDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	(T4BG, T4BJ, T4BU)
TL432ACDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU SN NIPDAUAG	Level-1-260C-UNLIM	0 to 70	(T4B3, T4BG, T4BS, T4BU)
TL432ACDBZRG4	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	0 to 70	T4BS
TL432ACDBZT	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU SN NIPDAUAG	Level-1-260C-UNLIM	0 to 70	(T4BG, T4BS, T4BU)
TL432ACDBZTG4	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	0 to 70	T4BS
TL432AIDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	(T4AG, T4AJ, T4AU)
TL432AIDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	(T4A3, T4AG, T4AS, T4AU)
TL432AIDBZRG4	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	T4A3
TL432AIDBZT	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	(T4A3, T4AG, T4AS, T4AU)
TL432AIDBZTG4	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	T4A3
TL432AIPK	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 85	2E
TL432AQDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	(T4DJ, T4DU)
TL432AQDBVT	Active	Production	SOT-23 (DBV) 5	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 125	(T4DJ, T4DU)
TL432AQDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU SN NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	(T4D3, T4DG, T4DS, T4DU)
TL432AQDBZRG4	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	T4DS
TL432AQDBZT	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU SN NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	(T4DG, T4DS, T4DU)
TL432AQDBZTG4	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	T4DS
TL432AQPK	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	2F
TL432BCDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	(TBCJ, TBCU)
TL432BCDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU SN NIPDAUAG	Level-1-260C-UNLIM	0 to 70	(TBCG, TBCS, TBCU)
TL432BCDBZRG4	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	0 to 70	TBCS

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)
TL432BCDBZT	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	(TBCG, TBCS, TBCU)
TL432BCDBZTG4	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	0 to 70	TBCS
TL432BCPK	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	0 to 70	2G
TL432BIDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	(T4F3, T4FG, T4FS, T4FU)
TL432BIDBZRG4	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	T4F3
TL432BIDBZT	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	(T4F3, T4FG, T4FS, T4FU)
TL432BIDBZTG4	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU	Level-1-260C-UNLIM	-40 to 85	T4F3
TL432BIPK	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 85	2H
TL432BQDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	(T4H3, T4HS, T4HU)
TL432BQPK	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	2J
TL432CDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	0 to 70	(T4CG, T4CJ, T4CU)
TL432CDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU SN NIPDAUAG	Level-1-260C-UNLIM	0 to 70	(T4CG, T4CS, T4CU)
TL432CDBZRG4	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	0 to 70	T4CS
TL432CPK	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	0 to 70	2A
TL432IDBVR	Active	Production	SOT-23 (DBV) 5	3000 LARGE T&R	Yes	NIPDAU SN	Level-1-260C-UNLIM	-40 to 85	(T4IG, T4IJ, T4IU)
TL432IDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU SN NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	(T4IG, T4IS, T4IU)
TL432IDBZRG4	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	T4IS
TL432IDBZT	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU SN NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	(T4IG, T4IS, T4IU)
TL432IDBZTG4	Active	Production	SOT-23 (DBZ) 3	250 SMALL T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 85	T4IS
TL432IPK	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 85	2B
TL432QDBZR	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU SN NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	(T4QG, T4QS, T4QU)
TL432QDBZRG4	Active	Production	SOT-23 (DBZ) 3	3000 LARGE T&R	Yes	NIPDAU NIPDAUAG	Level-1-260C-UNLIM	-40 to 125	T4QS
TL432QPK	Active	Production	SOT-89 (PK) 3	1000 LARGE T&R	Yes	SN	Level-2-260C-1 YEAR	-40 to 125	2C

(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.

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OTHER QUALIFIED VERSIONS OF TL431, TL432 :

- Automotive : [TL431-Q1](#), [TL432-Q1](#)

NOTE: Qualified Version Definitions:

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