

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
C346BA022PZ-TR	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		C346BA022PZ-T B501709 TMS BB62552	
C348A011PZ-TR	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		C348A011PZT BB61659 B960276	
C348A013PZ-TR	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		C348A013PZT BB62036 B960276	
C348A014PZ-TR	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		C348A014PZT BB61608 B960276	
C348A015PZ-TR	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		C348A015PZT BB62130 B960276	
C348A018PZ-TR	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		C348A018PZT BB63772 B960276	
CS241C017PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C017PNT B509043 TMS470 BB65109	
CS241C020PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C020PNT B509043 TMS470 BB65158	
CS241C022PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C022PNT B509043 TMS470 BB65146	
CS241C023PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C023PNT B509043 TMS470 DA102091	
CS241C028PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C028PNT	

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										B509043 TMS470 BB65119	
CS241C033PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C033PNT B509043 TMS470 BB65375	
CS241C036PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C036PNT B509043 TMS470 BB65639	
CS241C037PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C037PNT B509043 TMS470 BB65601	
CS241C038PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C038PNT B509043 TMS470 BB65675	
CS241C040PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C040PNT B509043 TMS470 BB65602	
CS241C043PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C043PNT B509043 TMS470 BB65603	
CS241C046PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C046PNT B509043 TMS470 BB65590	
CS241C047PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C047PNT B509043 TMS470 BB65587	
CS241C053PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C053PNT B509043 TMS470	

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										BB65867	
CS241C055PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C055PNT B509043 TMS470 BB65992	
CS241C056PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C056PNT B509043 TMS470 BB65704	
CS241C058PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C058PNT B509043 TMS470 BB70243	
CS241C061PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C061PNT B509043 TMS470 BB70001	
CS241C065PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C065PNT 8509043 TMS470 BB70283	
CS241C067PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C067PNT B509043 TMS470 BB70408	
CS241C073PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C073PNT B509043 TMS470 BB70514	
CS241C075PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C075PNT B509043 TMS470 BB65997	
CS241C076PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C076PNT B509043 TMS470 BB70005	
CS241C079PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C079PNT	

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										B509043 TMS470 BB70505	
CS241C080PNTRQ1	OBSOLETE	LQFP	PN	80		TBD	Call TI	Call TI		CS241C080PNT B509043 TMS470 BB70178	
CS246C010PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS246C010PZ-T B509044 TMS470 MI10207X	
CS246C011PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS246C011PZ-T B509044 TMS470 MA102074	
CS246C013PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS246C013PZ-T B509044 TMS470 NI102081	
CS246C016PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS246C016PZ-T B509044 TMS470 NI10207S	
CS246C017PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS246C017PZ-T B509044 TMS470 MI10209F	
CS246C023PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS246C023PZ-T B509044 TMS470 BB65384	
CS246C027PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS246C027PZ-T B509044 TMS470 BB65404	
CS246C029PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS246C029PZ-T B509044 TMS470	

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										BB65193	
CS348C021PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS348C021PZ-T B509045 TMS470 BB63920	
CS348C025PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS348C025PZ-T B509045 TMS470 BB63945	
CS348C026PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS348C026PZ-T B509045 TMS470 BB65343	
CS348C027PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS348C027PZ-T B509045 TMS470 BB65197	
CS348C028PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS348C028PZ-T B509045 TMS470 BB65385	
CS348C029PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS348C029PZ-T B509045 TMS470 BB63959	
CS348C031PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS348C031PZ-T B509045 TMS470 BB65438	
CS348C032PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS348C032PZ-T B509045 TMS470 BB65453	
CS348C033PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS348C033PZ-T B509045 TMS470 BB65424	
CS348C042PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS348C042PZ-TR	

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										B509045 TMS470 BB65907	
CS348C044PZ-TRQ1	OBSOLETE	LQFP	PZ	100		TBD	Call TI	Call TI		CS348C044PZ-T B509045 TMS470 BB70371	
RM41L232BPZT	ACTIVE	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR	-40 to 105	RM41 L232BPZT	Samples
S470AV336LYSQRB	OBSOLETE	WAFERSALE	YS	0		TBD	Call TI	Call TI			
TMS470R1A288PGEA	NRND	LQFP	PGE	144	60	RoHS & Green	NIPDAU	Level-3-260C-168 HR		470R1A288PGEA TMS	
TMS470R1A288PGET	NRND	LQFP	PGE	144	60	RoHS & Green	NIPDAU	Level-3-260C-168 HR		470R1A288PGET TMS	
TMS470R1A288PGETR	NRND	LQFP	PGE	144	500	RoHS & Green	NIPDAU	Level-3-260C-168 HR		470R1A288PGET TMS	
TMS470R1A288PZ-T	NRND	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR		470R1A288PZ-T TMS	
TMS470R1A384PGET	NRND	LQFP	PGE	144	60	RoHS & Green	NIPDAU	Level-3-260C-168 HR		470R1A384PGET TMS	
TMS470R1A384PZ-T	NRND	LQFP	PZ	100	90	RoHS & Green	NIPDAU	Level-3-260C-168 HR		470R1A384PZ-T TMS	
TMS470R1A64PNT	NRND	LQFP	PN	80	119	RoHS & Green	NIPDAU	Level-3-260C-168 HR		470R1A64PNT TMS	
TMS470R1B1MPGEA	NRND	LQFP	PGE	144	60	RoHS & Green	NIPDAU	Level-3-260C-168 HR		R1B1MPGEA TMS470	
TMS470R1B1MPGEAR	NRND	LQFP	PGE	144	500	RoHS & Green	NIPDAU	Level-3-260C-168 HR		R1B1MPGEA TMS470	
TMS470R1B512PGET	NRND	LQFP	PGE	144	60	RoHS & Green	NIPDAU	Level-3-260C-168 HR		R1B512PGET TMS470	
TMS470R1B768PGET	NRND	LQFP	PGE	144	60	RoHS & Green	NIPDAU	Level-3-260C-168 HR		AB768PGET TMS470	

(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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