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# PACKAGE OPTION ADDENDUM

30-Aug-2013

## PACKAGING INFORMATION

Orderable Device	Status (1)	Package Type	Package Drawing	Pins	Package Qty	Eco Plan (2)	Lead/Ball Finish	MSL Peak Temp (3)	Op Temp (°C)	Device Marking (4/5)	Samples
TMS320F28030PAGQ	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28030PAGQ TMS320	Samples
TMS320F28030PAGS	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28030PAGS TMS320	Samples
TMS320F28030PAGT	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 105	F28030PAGT TMS320	Samples
TMS320F28030PNQ	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28030PNQ TMS320	Samples
TMS320F28030PNS	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28030PNS TMS320	Samples
TMS320F28030PNT	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 105	F28030PNT TMS320	Samples
TMS320F28030RSHS	ACTIVE	VQFN	RSH	56	260	Green (RoHS & no Sb/Br)	CU NIPDAUAG	Level-3-260C-168 HR		F28030RSHS S320	Samples
TMS320F28030RSHT	ACTIVE	VQFN	RSH	56	260	Green (RoHS & no Sb/Br)	CU NIPDAUAG	Level-3-260C-168 HR		F28030RSHT S320	Samples
TMS320F28031PAGQ	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28031PAGQ TMS320	Samples
TMS320F28031PAGS	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28031PAGS TMS320	Samples
TMS320F28031PAGT	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 105	F28031PAGT TMS320	Samples
TMS320F28031PNQ	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28031PNQ TMS320	Samples
TMS320F28031PNS	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28031PNS TMS320	Samples
TMS320F28031PNT	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 105	F28031PNT TMS320	Samples
TMS320F28031RSHS	ACTIVE	VQFN	RSH	56	260	Green (RoHS & no Sb/Br)	CU NIPDAUAG	Level-3-260C-168 HR		F28031RSHS S320	Samples
TMS320F28031RSHT	ACTIVE	VQFN	RSH	56	260	Green (RoHS & no Sb/Br)	CU NIPDAUAG	Level-3-260C-168 HR		F28031RSHT S320	Samples
TMS320F28032PAGQ	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28032PAGQ TMS320	Samples

Orderable Device	Status <sup>(1)</sup>	Package Type	Package Drawing	Pins	Package Qty	Eco Plan <sup>(2)</sup>	Lead/Ball Finish	MSL Peak Temp <sup>(3)</sup>	Op Temp (°C)	Device Marking <sup>(4/5)</sup>	Samples
TMS320F28032PAGS	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28032PAGS TMS320	Samples
TMS320F28032PAGT	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 105	F28032PAGT TMS320	Samples
TMS320F28032PNQ	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28032PNQ TMS320	Samples
TMS320F28032PNS	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28032PNS TMS320	Samples
TMS320F28032PNT	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 105	F28032PNT TMS320	Samples
TMS320F28032RSHS	ACTIVE	VQFN	RSH	56	260	Green (RoHS & no Sb/Br)	CU NIPDAUAG	Level-3-260C-168 HR		F28032RSHS S320	Samples
TMS320F28032RSHT	ACTIVE	VQFN	RSH	56	260	Green (RoHS & no Sb/Br)	CU NIPDAUAG	Level-3-260C-168 HR		F28032RSHT S320	Samples
TMS320F28033PAGQ	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28033PAGQ TMS320	Samples
TMS320F28033PAGS	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28033PAGS TMS320	Samples
TMS320F28033PAGT	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 105	F28033PAGT TMS320	Samples
TMS320F28033PNQ	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28033PNQ TMS320	Samples
TMS320F28033PNS	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28033PNS TMS320	Samples
TMS320F28033PNT	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 105	F28033PNT TMS320	Samples
TMS320F28033RSHS	ACTIVE	VQFN	RSH	56	260	Green (RoHS & no Sb/Br)	CU NIPDAUAG	Level-3-260C-168 HR		F28033RSHS S320	Samples
TMS320F28033RSHT	ACTIVE	VQFN	RSH	56	260	Green (RoHS & no Sb/Br)	CU NIPDAUAG	Level-3-260C-168 HR		F28033RSHT S320	Samples
TMS320F28034PAGQ	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28034PAGQ TMS320	Samples
TMS320F28034PAGS	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28034PAGS TMS320	Samples
TMS320F28034PAGT	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 105	F28034PAGT TMS320	Samples

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TMS320F28034PNQ	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28034PNQ TMS320	Samples
TMS320F28034PNS	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28034PNS TMS320	Samples
TMS320F28034PNT	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 105	F28034PNT TMS320	Samples
TMS320F28034RSHS	ACTIVE	VQFN	RSH	56	260	Green (RoHS & no Sb/Br)	CU NIPDAUAG	Level-3-260C-168 HR		F28034RSHS S320	Samples
TMS320F28034RSHT	ACTIVE	VQFN	RSH	56	260	Green (RoHS & no Sb/Br)	CU NIPDAUAG	Level-3-260C-168 HR		F28034RSHT S320	Samples
TMS320F28035PAGQ	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28035PAGQ TMS320	Samples
TMS320F28035PAGS	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28035PAGS TMS320	Samples
TMS320F28035PAGT	ACTIVE	TQFP	PAG	64	160	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 105	F28035PAGT TMS320	Samples
TMS320F28035PNQ	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28035PNQ TMS320	Samples
TMS320F28035PNS	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28035PNS TMS320	Samples
TMS320F28035PNT	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 105	F28035PNT TMS320	Samples
TMS320F28035RSHS	ACTIVE	VQFN	RSH	56	260	Green (RoHS & no Sb/Br)	CU NIPDAUAG	Level-3-260C-168 HR	-40 to 125	F28035RSHS S320	Samples
TMS320F28035RSHT	ACTIVE	VQFN	RSH	56	260	Green (RoHS & no Sb/Br)	CU NIPDAUAG	Level-3-260C-168 HR	-40 to 105	F28035RSHT S320	Samples
TMS32F28032LENAPNS	ACTIVE	LQFP	PN	80	119	Green (RoHS & no Sb/Br)	CU NIPDAU	Level-3-260C-168 HR	-40 to 125	F28032PNS TMS320	Samples
TMX320F28035RSHS	ACTIVE	VQFN	RSH	56	1	TBD	Call TI	Call TI	-40 to 125		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.