

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)
TMS320F280200DAS	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F280200DAS S320
TMS320F280200DAS.A	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F280200DAS S320
TMS320F280200DAS.B	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F280200DAS S320
TMS320F280200DAT	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	F280200DAT S320
TMS320F280200DAT.A	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F280200DAT S320
TMS320F280200DAT.B	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F280200DAT S320
TMS320F280200PTT	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	(S320, S320 980) F280200PTT
TMS320F280200PTT.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F280200PTT
TMS320F280200PTT.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F280200PTT
TMS320F28020DAS	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28020DAS S320
TMS320F28020DAS.A	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28020DAS S320
TMS320F28020DAS.B	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28020DAS S320
TMS320F28020DAT	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	F28020DAT S320
TMS320F28020DAT.A	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28020DAT S320
TMS320F28020DAT.B	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28020DAT S320
TMS320F28020PTS	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28020PTS

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)
TMS320F28020PTS.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28020PTS
TMS320F28020PTS.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28020PTS
TMS320F28020PTT	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	(S320, S320 980) F28020PTT
TMS320F28020PTT.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28020PTT
TMS320F28020PTT.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28020PTT
TMS320F28021DAS	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28021DAS S320
TMS320F28021DAS.A	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28021DAS S320
TMS320F28021DAS.B	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28021DAS S320
TMS320F28021DAT	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	F28021DAT S320
TMS320F28021DAT.A	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28021DAT S320
TMS320F28021DAT.B	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28021DAT S320
TMS320F28021PTS	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28021PTS
TMS320F28021PTS.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28021PTS
TMS320F28021PTS.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28021PTS
TMS320F28021PTT	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	(S320, S320 980) F28021PTT
TMS320F28021PTT.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28021PTT
TMS320F28021PTT.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28021PTT

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)
TMS320F28022DAQ	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28022DAQ S320
TMS320F28022DAQ.A	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28022DAQ S320
TMS320F28022DAQ.B	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28022DAQ S320
TMS320F28022DAQR	Active	Production	TSSOP (DA) 38	2000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28022DAQ S320
TMS320F28022DAQR.A	Active	Production	TSSOP (DA) 38	2000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28022DAQ S320
TMS320F28022DAQR.B	Active	Production	TSSOP (DA) 38	2000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28022DAQ S320
TMS320F28022DAS	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28022DAS S320
TMS320F28022DAS.A	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28022DAS S320
TMS320F28022DAS.B	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28022DAS S320
TMS320F28022DAT	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	F28022DAT S320
TMS320F28022DAT.A	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28022DAT S320
TMS320F28022DAT.B	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28022DAT S320
TMS320F28022PTQ	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28022PTQ
TMS320F28022PTQ.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28022PTQ
TMS320F28022PTQ.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28022PTQ
TMS320F28022PTS	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28022PTS
TMS320F28022PTS.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28022PTS

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TMS320F28022PTS.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28022PTS
TMS320F28022PTT	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	S320 980 F28022PTT
TMS320F28022PTT.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	S320 980 F28022PTT
TMS320F28022PTT.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	S320 980 F28022PTT
TMS320F28023DAS	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28023DAS S320
TMS320F28023DAS.A	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28023DAS S320
TMS320F28023DAS.B	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28023DAS S320
TMS320F28023DAT	Active	Production	TSSOP (DA) 38	40 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	F28023DAT S320
TMS320F28023DAT.A	Active	Production	TSSOP (DA) 38	40 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28023DAT S320
TMS320F28023DAT.B	Active	Production	TSSOP (DA) 38	40 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28023DAT S320
TMS320F28023PTQ	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28023PTQ
TMS320F28023PTQ.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28023PTQ
TMS320F28023PTQ.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28023PTQ
TMS320F28023PTS	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28023PTS
TMS320F28023PTS.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28023PTS
TMS320F28023PTS.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28023PTS
TMS320F28023PTT	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	(S320, S320 980) F28023PTT

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TMS320F28023PTT.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28023PTT
TMS320F28023PTT.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28023PTT
TMS320F28026DAS	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28026DAS S320
TMS320F28026DAS.A	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28026DAS S320
TMS320F28026DAS.B	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28026DAS S320
TMS320F28026DAT	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	F28026DAT S320
TMS320F28026DAT.A	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28026DAT S320
TMS320F28026DAT.B	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28026DAT S320
TMS320F28026FPTT	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	S320 980 F28026FPTT
TMS320F28026FPTT.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	S320 980 F28026FPTT
TMS320F28026FPTT.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	S320 980 F28026FPTT
TMS320F28026PTQ	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28026PTQ
TMS320F28026PTQ.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28026PTQ
TMS320F28026PTQ.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28026PTQ
TMS320F28026PTS	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28026PTS
TMS320F28026PTS.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28026PTS
TMS320F28026PTS.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28026PTS

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TMS320F28026PTT	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	(S320, S320 980) F28026PTT
TMS320F28026PTT.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28026PTT
TMS320F28026PTT.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28026PTT
TMS320F28027DAS	Active	Production	TSSOP (DA) 38	40 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28027DAS S320
TMS320F28027DAS.A	Active	Production	TSSOP (DA) 38	40 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28027DAS S320
TMS320F28027DAS.B	Active	Production	TSSOP (DA) 38	40 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28027DAS S320
TMS320F28027DASR	Active	Production	TSSOP (DA) 38	2000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28027DAS S320
TMS320F28027DASR.A	Active	Production	TSSOP (DA) 38	2000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28027DAS S320
TMS320F28027DASR.B	Active	Production	TSSOP (DA) 38	2000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28027DAS S320
TMS320F28027DAT	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	F28027DAT S320
TMS320F28027DAT.A	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28027DAT S320
TMS320F28027DAT.B	Active	Production	TSSOP (DA) 38	40 TUBE	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28027DAT S320
TMS320F28027DATR	Active	Production	TSSOP (DA) 38	2000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	F28027DAT S320
TMS320F28027DATR.A	Active	Production	TSSOP (DA) 38	2000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28027DAT S320
TMS320F28027DATR.B	Active	Production	TSSOP (DA) 38	2000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	F28027DAT S320
TMS320F28027FPTQ	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	S320 F28027FPTQ
TMS320F28027FPTQ.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	S320 F28027FPTQ

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TMS320F28027FPTQ.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	S320 F28027FPTQ
TMS320F28027FPTT	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	S320 980 F28027FPTT
TMS320F28027FPTT.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	S320 980 F28027FPTT
TMS320F28027FPTT.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	S320 980 F28027FPTT
TMS320F28027FPTTR	Active	Production	LQFP (PT) 48	1000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	S320 980 F28027FPTT
TMS320F28027FPTTR.A	Active	Production	LQFP (PT) 48	1000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	S320 980 F28027FPTT
TMS320F28027FPTTR.B	Active	Production	LQFP (PT) 48	1000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	S320 980 F28027FPTT
TMS320F28027PTQ	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28027PTQ
TMS320F28027PTQ.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28027PTQ
TMS320F28027PTQ.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28027PTQ
TMS320F28027PTQR	Active	Production	LQFP (PT) 48	1000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	S320 F28027PTQ
TMS320F28027PTQR.A	Active	Production	LQFP (PT) 48	1000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	S320 F28027PTQ
TMS320F28027PTQR.B	Active	Production	LQFP (PT) 48	1000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	S320 F28027PTQ
TMS320F28027PTR	Active	Production	LQFP (PT) 48	1000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	S320 F28027PTT
TMS320F28027PTR.A	Active	Production	LQFP (PT) 48	1000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	S320 F28027PTT
TMS320F28027PTR.B	Active	Production	LQFP (PT) 48	1000 LARGE T&R	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	S320 F28027PTT
TMS320F28027PTS	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28027PTS

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)
TMS320F28027PTS.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28027PTS
TMS320F28027PTS.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28027PTS
TMS320F28027PTSG4	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	S320 F28027PTS
TMS320F28027PTSG4.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	S320 F28027PTS
TMS320F28027PTSG4.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	S320 F28027PTS
TMS320F28027PTT	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 105	(S320, S320 980) F28027PTT
TMS320F28027PTT.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28027PTT
TMS320F28027PTT.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	(S320, S320 980) F28027PTT
TMS320F28027PTTG4	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	S320 F28027PTT
TMS320F28027PTTG4.A	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	S320 F28027PTT
TMS320F28027PTTG4.B	Active	Production	LQFP (PT) 48	250 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-2-260C-1 YEAR	-40 to 125	S320 F28027PTT

⁽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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In no event shall TI's liability arising out of such information exceed the total purchase price of the TI part(s) at issue in this document sold by TI to Customer on an annual basis.

OTHER QUALIFIED VERSIONS OF TMS320F28022, TMS320F28022-Q1, TMS320F28023, TMS320F28023-Q1, TMS320F28026, TMS320F28026-Q1, TMS320F28027, TMS320F28027-Q1, TMS320F28027F, TMS320F28027F-Q1 :

- Catalog : [TMS320F28022](#), [TMS320F28023](#), [TMS320F28026](#), [TMS320F28027](#), [TMS320F28027F](#)
- Automotive : [TMS320F28022-Q1](#), [TMS320F28023-Q1](#), [TMS320F28026-Q1](#), [TMS320F28027-Q1](#), [TMS320F28027F-Q1](#)

NOTE: Qualified Version Definitions:

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