

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)
MSP430F6745AIEU	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6745A
MSP430F6745AIEU.B	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6745A
MSP430F6745AIEUR	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6745A
MSP430F6745AIEUR.B	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6745A
MSP430F6745AIPZ	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6745A
MSP430F6745AIPZ.B	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6745A
MSP430F6745AIPZR	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6745A
MSP430F6745AIPZR.B	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6745A
MSP430F6746AIEU	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6746A
MSP430F6746AIEU.B	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6746A
MSP430F6746AIEUR	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6746A
MSP430F6746AIEUR.B	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6746A
MSP430F6746AIPZ	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6746A
MSP430F6746AIPZ.B	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6746A
MSP430F6746AIPZR	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6746A
MSP430F6746AIPZR.B	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6746A
MSP430F6747AIEU	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6747A
MSP430F6747AIEU.B	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6747A
MSP430F6747AIEUR	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6747A
MSP430F6747AIEUR.B	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6747A
MSP430F6747AIPZ	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6747A

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)
MSP430F6747AIPZ.B	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6747A
MSP430F6747AIPZR	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6747A
MSP430F6747AIPZR.B	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6747A
MSP430F6748AIEU	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6748A
MSP430F6748AIEU.B	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6748A
MSP430F6748AIEUR	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6748A
MSP430F6748AIEUR.B	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6748A
MSP430F6748AIPZ	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6748A
MSP430F6748AIPZ.B	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6748A
MSP430F6748AIPZR	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6748A
MSP430F6748AIPZR.B	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6748A
MSP430F6749AIEU	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6749A
MSP430F6749AIEU.B	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6749A
MSP430F6749AIEUR	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6749A
MSP430F6749AIEUR.B	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6749A
MSP430F6749AIPZ	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6749A
MSP430F6749AIPZ.B	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6749A
MSP430F6749AIPZR	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6749A
MSP430F6749AIPZR.B	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6749A
MSP430F6765AIEU	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6765A
MSP430F6765AIEU.B	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6765A
MSP430F6765AIEUR	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6765A
MSP430F6765AIEUR.B	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6765A

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)
MSP430F6765AIPZ	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6765A
MSP430F6765AIPZ.B	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6765A
MSP430F6765AIPZR	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6765A
MSP430F6765AIPZR.B	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6765A
MSP430F6766AIEU	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6766A
MSP430F6766AIEU.B	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6766A
MSP430F6766AIEUR	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6766A
MSP430F6766AIEUR.B	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6766A
MSP430F6766AIPZ	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6766A
MSP430F6766AIPZ.B	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6766A
MSP430F6766AIPZR	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6766A
MSP430F6766AIPZR.B	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6766A
MSP430F6767AIEU	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6767A
MSP430F6767AIEU.B	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6767A
MSP430F6767AIEUR	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6767A
MSP430F6767AIEUR.B	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6767A
MSP430F6767AIPZ	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6767A
MSP430F6767AIPZ.B	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6767A
MSP430F6767AIPZR	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6767A
MSP430F6767AIPZR.B	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6767A
MSP430F6768AIEU	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6768A
MSP430F6768AIEU.B	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6768A

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)
MSP430F6768AIP EU R	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6768A
MSP430F6768AIP EU R.B	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6768A
MSP430F6768AIP Z	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6768A
MSP430F6768AIP Z.B	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6768A
MSP430F6768AIP Z R	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6768A
MSP430F6768AIP Z R.B	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6768A
MSP430F6769AIP EU	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6769A
MSP430F6769AIP EU.B	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6769A
MSP430F6769AIP EU R	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6769A
MSP430F6769AIP EU R.B	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6769A
MSP430F6769AIP Z	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6769A
MSP430F6769AIP Z.B	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6769A
MSP430F6769AIP Z R	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6769A
MSP430F6769AIP Z R.B	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6769A
MSP430F6775AIP EU	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6775A
MSP430F6775AIP EU.B	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6775A
MSP430F6775AIP EU R	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6775A
MSP430F6775AIP EU R.B	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6775A
MSP430F6775AIP Z	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6775A
MSP430F6775AIP Z.B	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6775A
MSP430F6775AIP Z R	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6775A
MSP430F6775AIP Z R.B	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6775A
MSP430F6776AIP EU	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6776A

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)
MSP430F6776AIP EU.B	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6776A
MSP430F6776AIP EUR	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6776A
MSP430F6776AIP EUR.B	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6776A
MSP430F6776AIP Z	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6776A
MSP430F6776AIP Z.B	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6776A
MSP430F6776AIP ZR	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6776A
MSP430F6776AIP ZR.B	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6776A
MSP430F6777AIP EU	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6777A
MSP430F6777AIP EU.B	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6777A
MSP430F6777AIP EUR	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6777A
MSP430F6777AIP EUR.B	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6777A
MSP430F6777AIP Z	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6777A
MSP430F6777AIP Z.B	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6777A
MSP430F6777AIP ZR	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6777A
MSP430F6777AIP ZR.B	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6777A
MSP430F6778AIP EU	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6778A
MSP430F6778AIP EU.B	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6778A
MSP430F6778AIP EUR	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6778A
MSP430F6778AIP EUR.B	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6778A
MSP430F6778AIP Z	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6778A
MSP430F6778AIP Z.B	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (5+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6778A
MSP430F6778AIP ZR	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6778A
MSP430F6778AIP ZR.B	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6778A

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)
MSP430F6779AIP EU	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6779A
MSP430F6779AIP EU.B	Active	Production	LQFP (PEU) 128	72 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6779A
MSP430F6779AIP UR	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6779A
MSP430F6779AIP UR.B	Active	Production	LQFP (PEU) 128	750 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6779A
MSP430F6779AIP Z	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6779A
MSP430F6779AIP Z.B	Active	Production	LQFP (PZ) 100	90 JEDEC TRAY (10+1)	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6779A
MSP430F6779AIP ZR	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6779A
MSP430F6779AIP ZR.B	Active	Production	LQFP (PZ) 100	1000 LARGE T&R	Yes	NIPDAU	Level-3-260C-168 HR	-40 to 85	F6779A

⁽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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