

## PACKAGING INFORMATION

Status	Package Type		Pins	-	Eco Plan	Lead finish/	MSL Peak Temp	Op Temp (°C)	Device Marking	Samples
(1)		Drawing		Qty	(2)		(3)		(4/5)	
	SOIC		0	2500	Polds & Groop	. ,		40 to 85	BI 176A	
ACTIVE	3010	D	0	2500	KUIS & Gleen	NIFDAU		-40 10 85	BEITOR	Samples
ACTIVE	PDIP	Р	8	50	RoHS & Green	NIPDAU	N / A for Pkg Type	-40 to 85	65LBC176A	Samples
										Samples
ACTIVE	SOIC	D	8	2500	RoHS & Green	NIPDAU	Level-1-260C-UNLIM	-40 to 125	B176AQ	Samples
										1
ACTIVE	PDIP	Р	8	50	RoHS & Green	NIPDAU	N / A for Pkg Type	0 to 70	75LBC176A	Samples
	(1) ACTIVE ACTIVE ACTIVE	(1)ACTIVESOICACTIVEPDIPACTIVESOIC	(1)DrawingACTIVESOICDACTIVEPDIPPACTIVESOICD	(1)DrawingACTIVESOICD8ACTIVEPDIPP8ACTIVESOICD8	(1)DrawingQtyACTIVESOICD82500ACTIVEPDIPP850ACTIVESOICD82500	(1)DrawingQty(2)ACTIVESOICD82500RoHS & GreenACTIVEPDIPP850RoHS & GreenACTIVESOICD82500RoHS & Green	(1)DrawingQty(2)Ball material (6)ACTIVESOICD82500RoHS & GreenNIPDAUACTIVEPDIPP850RoHS & GreenNIPDAUACTIVESOICD82500RoHS & GreenNIPDAU	(1) Drawing Qty (2) Ball material (3)   ACTIVE SOIC D 8 2500 RoHS & Green NIPDAU Level-1-260C-UNLIM   ACTIVE PDIP P 8 50 RoHS & Green NIPDAU N / A for Pkg Type   ACTIVE SOIC D 8 2500 RoHS & Green NIPDAU Level-1-260C-UNLIM	(1)DrawingQty(2)Ball material (6)(3)ACTIVESOICD82500RoHS & GreenNIPDAULevel-1-260C-UNLIM-40 to 85ACTIVEPDIPP850RoHS & GreenNIPDAUN / A for Pkg Type-40 to 85ACTIVESOICD82500RoHS & GreenNIPDAULevel-1-260C-UNLIM-40 to 85ACTIVESOICD82500RoHS & GreenNIPDAULevel-1-260C-UNLIM-40 to 125	(1)   Drawing   Qty   Qty   (2)   Ball material (6)   (3)   (3)   (4)   (4/5)     ACTIVE   SOIC   D   8   2500   RoHS & Green   NIPDAU   Level-1-260C-UNLIM   -40 to 85   BL176A     ACTIVE   PDIP   P   8   50   RoHS & Green   NIPDAU   N / A for Pkg Type   -40 to 85   65LBC176A     ACTIVE   SOIC   D   8   2500   RoHS & Green   NIPDAU   Level-1-260C-UNLIM   -40 to 125   B176AQ

<sup>(1)</sup> 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.

<sup>(2)</sup> 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 (CI) and Bromine (Br) based flame retardants meet JS709B low halogen requirements of <=1000ppm threshold. Antimony trioxide based flame retardants must also meet the <=1000ppm threshold requirement.

<sup>(3)</sup> MSL, Peak Temp. - The Moisture Sensitivity Level rating according to the JEDEC industry standard classifications, and peak solder temperature.

<sup>(4)</sup> There may be additional marking, which relates to the logo, the lot trace code information, or the environmental category on the device.

<sup>(5)</sup> 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.

<sup>(6)</sup> 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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## OTHER QUALIFIED VERSIONS OF SN65LBC176A :

Enhanced Product : SN65LBC176A-EP

NOTE: Qualified Version Definitions:

• Enhanced Product - Supports Defense, Aerospace and Medical Applications