



**THE DATASHEET OF  
CA91L8260B-100CEV**





**Integrated Device Technology**

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## CA91L8260B-100CEV

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#### DESCRIPTION

PowerSpanII Single  
**Generic Part:**  
 CA91L8260B  
**Category:**  
 PowerSpan II™

#### PARAMETERS

**Package** TEPBGA 420  
**Speed** 100 MHZ  
**Temperature** C  
**Voltage** 2.5V/3.3V  
**Memory Interface** No - Use PowerPro  
**PCI Interface**  
**Pkg. Dimensions**  
**Secondary Masters**  
**Other Ports**  
**Power (Max & Typical)**  
**Processors Supported**

#### PACKAGE

**Package** TEPBGA 420 (AEG420)  
**Description** THERMAL 35.0 X 35.0 MM X 1.27 MM PITCH  
**Status** Active  
**Class** PLASTIC  
**Category** Green  
**Pb (Lead) Free** Yes  
**Pb Free Category** e1 SnAgCu  
**Mark** EV  
**Package Type** TEPBGA  
**Lead Count** 420  
**Length** 35.0 mm  
**Width** 35.0 mm  
**Thickness** 2.33 mm  
**Pitch** 1.27 mm  
**Tube / Tray** TRAY  
**Quantity per Tube/Tray** 24  
**Quantity per Reel** N/A  
**Moisture Sensitivity Level (MSL)** 3  
**Moisture Exposure Floor Life** 168 hrs@<30C/60% RH  
**Peak Reflow Temperature** 260°C  
**Rebake Conditions** 48hrs@125C  
**Related Package Documents** [view documents](#)

#### DOCUMENTS

Type	Title	Size	Revision Date
<b>Application Note</b>	PowerSpan II Initialization Application Note	72 KB	11/09/2009
	Interfacing the PowerSpan II with the Wintegra WinPath	235 KB	11/04/2009
<b>Device Errata</b>	PowerSpan II Device Errata and Design Notes	88 KB	11/04/2009
<b>Manual - User Reference</b>	PowerSpan II User Manual	2019 KB	11/05/2009
<b>Misc</b>	PowerSpan II Pinlist (420 BGA)	7 KB	11/05/2009
	PowerSpan II Pinlist (480 BGA)	8 KB	11/05/2009
	PowerSpan II Schematic Review Checklist	107 KB	09/09/2009
<b>Model - BSDL</b>	PowerSpan II BSDL File (420 BGA)	39 KB	09/09/2009
	PowerSpan II BSDL File (484 BGA)	39 KB	09/09/2009

	<a href="#">PowerSpan II BSDL File (504 BGA)</a>	53 KB	09/09/2009
<b>Model - IBIS</b>	<a href="#">PowerSpan II IBIS Model (420 BGA)</a>	15 KB	09/09/2009
	<a href="#">PowerSpan II IBIS Model (480 BGA)</a>	17 KB	09/09/2009
<b>Product Brief</b>	<a href="#">PowerSpan II Product Brief</a>	84 KB	10/28/2009
<b>Product Change Notice</b>	<a href="#">PCN# : A1006-02 Heat Spreader Appearance Change on TEPBGA-420 &amp; TEPBGA-675</a>	130 KB	07/26/2010

**DISTRIBUTOR INVENTORY**

Part	Distributor	Qty	Date	RFQ	Order
No matches found.					

**CONTACTS**

**Sales Offices**

- ▶ [Sales Offices and authorized distributors](#)

**Technical Support**

Enhanced Host Bridges (EHB)

- ▶ WWW: [www.IDT.com/?app=TechSupport](http://www.IDT.com/?app=TechSupport)
- ▶ Phone: (408) 360-1538

Host Bridges

- ▶ WWW: [www.IDT.com/?app=TechSupport](http://www.IDT.com/?app=TechSupport)

VME

- ▶ WWW: [Customer Support / Technical Support](#)

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