



Integrated Device Technology

The Analog and Digital Company™



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Processor Products | EHB (Embedded Host Bridges) | QSpan II™ | CA91L862A | CA91L862A-50IEV

CA91L862A-50IEV

[Description](#) | [Parameters](#) | [Package](#) | [Documents](#) | [Distributor Inventory](#) | [Contacts](#)

Customer Support / Technical Support

DESCRIPTION

QSpan II
 Generic Part:
 CA91L862A
 Category:
 QSpan II™

PARAMETERS

Package PBGA 256
Speed 50 MHZ
Temperature I
Voltage 3.3 V
Memory Interface
PCI Interface 32 bit Address and Data
Pkg. Dimensions 256 PBGA
Secondary Masters
Other Ports
Power (Max & Typical) 0.9W max
Processors Supported

PACKAGE

Package PBGA 256 (BGG256)
Description PBGA 27.0 X 27.0 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 PBGA
Lead Count 256
Length 27.0 mm
Width 27.0 mm
Thickness 2.0 mm
Pitch 1.27 mm
Tube / Tray TRAY
Quantity per Tube/Tray 40
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
Device Errata	QSpan II Device Errata	42 KB	10/30/2009
Manual - Eval Board	QSpan II - MPC860 Evaluation Board Schematics	222 KB	11/02/2009
Manual - User Reference	QSpan II Schematic Review Checklist	92 KB	11/02/2009
	QSpan II User Manual	1949 KB	11/01/2009
Misc	QSpan II Debug Checklist	44 KB	10/30/2009
	QSpan II - QSpan Device Differences	113 KB	10/01/2009
	QSpan II Design Notes	57 KB	10/01/2009
Model - BSDL	QSpan II BSDL File	36 KB	09/09/2009
Model - IBIS	QSpan II IBIS Model (17mm BGA, 3.3V PCI)	141 KB	09/09/2009

	QSpan II IBIS Model (17mm BGA, 5.0V PCI)	29 KB	09/09/2009
	QSpan II IBIS Model (27mm BGA, 3.3V PCI)	24 KB	09/09/2009
	QSpan II IBIS Model (27mm BGA, 5.0V PCI)	29 KB	09/09/2009
Product Brief	QSpan II Product Brief	78 KB	10/26/2009

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
- ▶ Phone: (408) 360-1538

Host Bridges

- ▶ WWW: www.IDT.com/?app=TechSupport

VME

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

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