



Integrated Device Technology

The Analog and Digital Company™



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

CA91L862A-50ILV

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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 \(AMG256\)](#)
Description PBGA 17.0 X 17.0 MM X 1.0 MM PITCH
Status Active
Class PLASTIC
Category [Green](#)
Pb (Lead) Free [Yes](#)
Pb Free Category [e1 SnAgCu](#)
Mark LV
Package Type PBGA
Lead Count 256
Length 17.0 mm
Width 17.0 mm
Thickness 1.61 mm
Pitch 1.0 mm
Tube / Tray TRAY
Quantity per Tube/Tray 90
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
CA91L862A50ILV	ARROW ELECTRONICS	60	01/28/2011	Quote	Buy Now

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](#)