



**THE DATASHEET OF
CA91C142D-33IEV**





Integrated Device Technology

The Analog and Digital Company™



Products | Applications | Search | Support | Investor | About IDT

VME Universe™ IID CA91C142D CA91C142D-33IEV

CA91C142D-33IEV

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

Customer Support / Technical Support

DESCRIPTION

UNIVERSE IID
Generic Part:
 CA91C142D
Category:
 Universe™ IID

PARAMETERS

Pkg. Dimensions 35 x 35mm
Package PBGA 313
Primary Bus VME64 64 bit
Secondary Bus PCI 33 MHz 64 bit
Other Capabilities Fully featured slave or master DMA controller
Power (Max & Typical) 3.2W max / 2.2W typ
Temperature I
Speed 33 MHZ
Voltage 5.0 V

PACKAGE

Package [PBGA 313 \(BGG313\)](#)
Description PBGA 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 PBGA
Lead Count 313
Length 35.0 mm
Width 35.0 mm
Thickness 2.3 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
Application Note	Universe IID Debug and Initialization Notes	82 KB	10/15/2009
	Universe IID-B Devices Differences	41 KB	10/15/2009
Device Errata	Universe IID-B Device Errata and Design Notes	63 KB	10/15/2009
	Universe IID-B User Manual	1544 KB	05/12/2010
Manual - User Reference	Universe IID BSDL File	9 KB	09/03/2009
Model - BSDL	Universe II IBIS Model	41 KB	08/31/2009
Model - IBIS	Universe II Product Brief	81 KB	09/01/2009

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](#)

Looking for pricing, stock, or lifecycle information?

Click below to explore more details on WIN SOURCE:

-  [View CA91C142D-33IEV on WIN SOURCE](#)
-  [Renesas Electronics America](#) Information

Optimize Your Supply Chain with WIN SOURCE Solutions

-  Global Sourcing Solution
-  Obsolete Management
-  Cost Control Management
-  Shortage Management
-  Alternative Solution
-  Excess Inventory Management