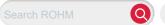


**FAQ** 

## Products Technical Support Applications Sales



Home » Power Management » Switching Regulators (Power Management IC For System) » System Power Supply ICs For Industrial / Consumer Applications » Power Management IC For Intel® Atom™ E3800 Platform » BD9596BMWV

## Power Management IC for Bay Trail -M/-D/-I Platform - BD9596BMWV

BD9596BMWV (Jarrell Cove) is a Power Management Integrated Circuit (PMIC) designed specifically for use on Bay Trail-M/-D/-I platform for in-vehicle infotainment (IVI) systems, industrial control systems.

Request for Documents

**CONTACT US** 

Americas - English

Package

VIEW

\* This product is a STANDARD grade product and not recommend for on-vehicle devices.

PRODUCT DETAIL

**TECHNICAL DOCUMENTS** 

PART NUMBER | BD9596BMWV-E2
STATUS | ACTIVE
PACKAGE | UQFN88MV0100
UNIT QUANTITY | 1000

MINIMUM PACKAGE QUANTITY | **1000**PACKING TYPE | **TAPING**ROHS | **YES** 

## **SPECIFICATIONS:**

Grade	Standard
Vin1(Min.)[V]	3.5
Vin1(Max.)[V]	5.5
Output Voltage1 (Min.)[V]	0.5
Output Voltage1 (Max.)[V]	1.2
Output Current Capacity 1 [V]	13.541
SW frequency(Max.)[MHz]	1.0
Operating Temperature (Min.) [°C]	-40
Operating Temperature (Max.) [°C]	95

## **FEATURES:**

- •Complicated Power up / down sequence and state control are embedded.
- Fewer external components count / compact size.
- •Controlling power regulation for each state (S4/S5, S3 and S0) results in a low power consumption.
- -Built-in reference clock (RTCCLK): 32.768kHz±5%.
- Power control logic with processor interface and event detection.
- •SVID interface for control and register access.
- · Error mode indicator for debugging.
- ·Built-in UVLO, SCP, OVP and TSD protection.

**RELATED PRODUCTS** Other New/Updated Products Relating to BD9596BMWV

PART NUMBER Product Series Datasheet

Distribution Inventory