

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.

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

PART NUMBER	STATUS	PACKAGE	UNIT QUANTITY	MINIMUM PACKAGE QUANTITY	PACKING TYPE	ROHS
BD9596BMWV-E2	Active	UQFN88MV0100	1000	1000	Taping	Yes

TECHNICAL DATA

APPLICATION NOTE
Thermal Resistance

PART EXPLANATION
For ICs

SPECIFICATIONS:

GRADE

Vin1(Min.)[V]
Vin1(Max.)[V]
Output Voltage1 (Min.)[V]
Output Voltage1 (Max.)[V]
Output Current Capacity 1 [V]
SW frequency(Max.)[MHz]

STANDARD

3.5
5.5
0.5
1.2
13.541
1.0

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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 Power Management

PART NUMBER	Product Series	Datasheet	Distribution Inventory
BD9G401EFJ-M	Buck Converters (Synchronous & Integrated FET)		Inquiry
BD9D323QWZ	Buck Converters (Synchronous & Integrated FET)		Inquiry
BM2P095F	AC/DC Controllers (PWM)		Inquiry
BM2P045F	AC/DC Controllers (PWM)		Inquiry
BM2P096F	AC/DC Controllers (PWM)		Inquiry
BM2P046F	AC/DC Controllers (PWM)		Inquiry

NEW PRODUCTS:

[New Product List](#)

