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

Package

VIEW

FAQ CONTACT US

* 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

NEW PRODUCT LIST