

PI3323-00-BGMZ in the product family

ZVS Buck Regulator

Input Voltage

24V

Output Voltage

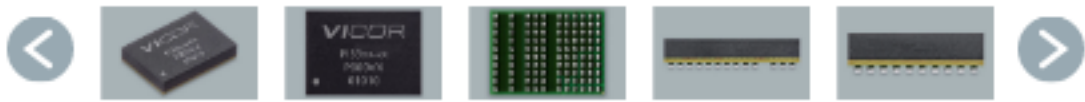
3.3V

Iout Max

22A

10x14 BGA-SIP
0.5512 x 0.3937 x 0.1001in / 14.0 x 10.0 x 2.56mm

 DATA SHEET



Options

Product grade

▼

Mounting style

▼

PI3323-00-BGMZ

Status

NOT RECOMMENDED
FOR NEW DESIGNS

Product features

Wide Operating Range	12 Vin optimized (8–18 V) and Wide Vin (8–36 V)
Wide Vout (1 - 16 V)	-40°C to 125°C operating range
Simple to Use; Fast Development Time	Internal compensation - few external components
No additional design or additional settings required	High Efficiency
>96% peak 24 Vin to 12 Vout	>95% peak 12 Vin to 5 Vout
Light load and full load high efficiency performance	Flexible and Rich Feature Set
Frequency synchronization	User adjustable soft-start & tracking
Common High Density Packaging Platform	10.5 x 10.5 x 2.6 mm BGA SIP package
High Efficiency HV ZVS-Buck Topology	Wide input voltage range of 36V to 60V
Very-Fast transient response	Constant voltage or constant current operation
Constant current error amplifier and reference	Paralleling and single wire current sharing
Two phase interleaving	Input Over/Under Voltage Lockout (OVLO/UVLO)
Output Overvoltage Protection (OVP)	Over Temperature Protection (OTP)

Reference materials

Data Sheets	White Papers	White Papers
Data Sheet	Zero-Voltage Switching Applied to Buck Regulation	High-Performance ZVS Buck Regulator White Paper

Application notes

AN:303
[Assembly Guideline for ZVS Buck and Buck-Boost 10 x 10mm and 10 x 14mm LGA and BGA Packages](#)

User guides and manuals

[UG:308 ZVS Regulators Buck Evaluation Board User Guide](#)

Mechanical drawings

Product Outline Drawing
[PDF](#) [DXF](#)

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