W25Q64PWZPIM

Product Spec

Attribute	Attribute value
Part No.	W25Q64PWZPIM
Density	64Mb
STR (MHz)	166
DTR (MHz)	104
Voltage (V)	1.65~1.95
Temp (°C)	-40~85
PKG	SON-8
DIM	5x6MM^2
Interface Type	SPI/Dual/Quad
Carbon Data	Y
Industrial Status	S
Automotive Status	-
Automotive Grade	
Longevity	N
Longevity Date Start	-
Built-in ECC (bit)	-
Add. Spec	-
Product Series	W25Q-PW

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- "**G**" in the 13th character of Winbond part number identifies parts manufactured using renewable energy (e.g., W25H02JVTBIM**G** vs. W25H02JVTBIM). All specifications and features are identical; only the manufacturing electricity source differs.
- All Winbond Flash products are Halogen-Free and RoHS compliant packaging. Refer to the datasheet for details and specifications.
- "Y" in the "Carbon Data" field of the product reveals the Carbon emission data is ready. Please click "Y" to get more information about Winbond's calculation of carbon emissions and the products manufactured by Renewable Energy.
- Industrial Status and Automotive Status: P= Mass Production, S= Samples, UD= Under Development, N= Not Recommended for New Design, EOL= End Of Life
- Automotive Grade: AG1= -40°C~125°C, AG2= -40°C~105°C, AG2+= -40°C~115°C, AG3= -40°C~85°C
- Longevity: Y= Winbond committed longevity support and, this part is listed in WPLP. N= no longevity support

Technical Documentation

- Datasheet
- IBIS Model
- SPICE Model
- Verilog Model
- Application Note 32 pieces
- Green Report 1 pieces
- Software and Drivers
- Cross Reference
- General Support Information
- Safety Manual

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Resource

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Winbond has unveiled its latest 1Gb QspiNAND Flash for wearable and low-power IoT devices
Product Press

QspiNAND, low-power, IoT, 1Gb, ...

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Updated: 07/08/2024
Read

Winbond introduces the next generation 8Mb Serial Flash – W25Q80RV for low power and small form factor IoT devices
Product Press

W25Q80RV, 8Mb Serial Flash, ...

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Updated: 15/06/2023
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Technical Article

Memory Solutions Driving Smarter Smaller Wearables	2026.04
High Performance, Low Power, Small Form-factor Flash Memory for Next Generation Devices	2024.12
How new diagnostic data and operations equip Flash memory ICs for the demands of automotive functional safety standards	2017.12

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