

Optocoupler, Phototransistor Output, AC Input, Low Input Current, SSOP-4, Half Pitch, Mini-Flat Package



VOS628A-1



FEATURES

- High CTR with low input current
- Low profile package (half pitch)
- High collector emitter voltage $V_{CE0} = 80\text{ V}$
- Isolation test voltage = 3750 Vrms
- Low coupling capacitance
- High common mode transient immunity
- Material categorization: For definitions of compliance please see www.vishay.com/doc799912



DESCRIPTION

The VOS628A series has a GaAs infrared emitting diode emitter, which is optically coupled to a silicon planar phototransistor detector, and is incorporated in a 4-pin 50 mil lead pitch mini-flat package.

It features a high current transfer ratio at low input current, low coupling capacitance, and high isolation voltage.

The coupling devices are designed for signal transmission between two electrically separated circuits.

APPLICATIONS

- Telecom
- Industrial controls
- Battery powered equipment
- Office machines
- Programmable controllers

AGENCY APPROVALS

(All parts are certified under base model VOS628A)

- UL1577, file no. E52744
- cUL
- DIN EN 60747-5-5 (VDE 0884-5), available with option 1
- FIMKO EN 60065, EN 60950-1
- CQC GB4843.1-2011 and GB8898-2011 (suitable for installation altitude below 2000 m)

ORDERING INFORMATION																													
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UL, cUL, FIMKO, CQC, VDE (option 1)	50 to 600			63 to 125																									
SSOP-4, 50 mil pitch	VOS628A-XX001T		VOS628A-2XX01T																										

Note

- Additional options may be possible, please contact sales office.

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ML Morrison



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