

# 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  $V_{rms}$
- Low coupling capacitance
- High common mode transient immunity
- Material categorization: For definitions of compliance please see [www.vishay.com/doc799912](http://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
- RIMKO 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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PART NUMBER		CTR BIN	PACKAGE OPTION	TAPE AND REEL
AGENCY CERTIFIED/PACKAGE		CTR (%) ± 1 mA		
UL, cUL, RIMKO, CQC		50 to 600	53 to 125	
SSOP-4, 50 mil pitch		VOS628AT	VOS628A-2T	
UL, cUL, RIMKO, CQC, VDE (option 1)		50 to 600	53 to 125	
SSOP-4, 50 mil pitch		VOS628A-X001T	VOS628A-2X001T	

### Note

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

# Optocoupler Phototransistor Output Ac Input Vishay

**Siddappa N.Byrareddy**



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