

VOx619A Phototransistor Optocouplers Deliver Accuracy and Energy Efficiency for Industrial Applications



ADVANTAGE

Combine high, linear CTR range with low forward current of 0.5 mA and high temperature operation to +125 °C

KEY PRODUCT FEATURES

- ✓ Offered in four packages: DIP-4, long creepage LSOP-4, compact SOP-4, and half-pitch SSOP-4
- ✓ High maximum rated isolation voltage up to 5000 V_{RMS}
- ✓ Creepage and clearance distances to 8 mm
- ✓ Offering 50 % lower forward current than the previous-generation solution



MARKETS AND APPLICATIONS



CONNECTIVITY

- Telecom mobile infrastructure



CONSUMER

- Entertainment
- Appliances
- Health and care



MOBILITY

- Micro mobility



INDUSTRIAL

- Automation
- Home and building controls

KEY SPECIFICATIONS

Part	VO619A	VOL619A	VOM619A	VOS619A
Package	DIP-4	LSOP-4	SOP-4	SSOP-4
Creepage distance	≥ 7 mm	≥ 8 mm	≥ 5 mm	
V _{ISO}	5000 V _{RMS}		3750 V _{RMS}	
Min. forward current	0.5 mA			
V _{CEO}	80 V			
Operating temperature	-55 °C to +125 °C			

RESOURCES

