

TSOP15300 Series IR Receivers

Saving Space and Reducing Component Counts to Simplify Universal Remote Control Designs



ADVANTAGE

Feature a wide 30 kHz to 68 kHz modulation frequency range with 2.0 V to 5.5 V operation and distances up to 18 m

KEY PRODUCT FEATURES

- ✓ Immunity against ripple noise and interference from common sources such as IR emissions in CFL lamps and LCD televisions, and RF emissions from onboard WiFi antennas
- ✓ Reliable transmission distances up to 18 m when paired with a 50 mA IR emitter
- ✓ Integrates a photodetector, preamplifier circuit, and IR filter in one module to simplify designs
- ✓ Demodulated output signal can be directly connected to a microprocessor for decoding



RESOURCES



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