



The DNA of tech.®

Upgraded Infrared Transceiver Modules for IrDA® Applications IrDA®-Compliant Devices Deliver Longer Link Distance of 1 m and Improved ESD Robustness to 2 kV



ADVANTAGE

Offering drop-in replacements for existing solutions, devices feature new in-house IC and surface emitter chip technology.

KEY PRODUCT FEATURES

- ✓ Offered in top- and side-view surface-mount packages.
- ✓ Compliant with the latest IrDA physical layer specification and backwards-compatible.
- ✓ Low power consumption with an idle supply current of <math>< 70 \mu\text{A}</math>, down to <math>< 1 \mu\text{A}</math> in shutdown mode.
- ✓ Wide operating voltage range from 2.4 V to 5.5 V.
- ✓ The transceivers support data rates up to 115.2 kbit/s (SIR) and link distances of 1 m for wireless communication and data transmission.



RESOURCES



MARKETS AND APPLICATIONS



CONSUMER

- Entertainment



ENERGY SECTOR

- Distribution and management



INDUSTRIAL

- Automation



MEDICAL

- Instrumentation, monitoring, therapeutics