

INTRODUCING OUR NEW PRODUCTS

NEW PRODUCT RELEASE — ISSR11800X 1800V Automotive Solid State Photo-Relay

ISOCOM Components 2004 Ltd (UK) introduces the **ISSR11800X**, a next-generation Solid State Photo-Relay built to perform in the toughest automotive and industrial environments. Designed for EV charging, battery systems, and harsh-condition control circuits, this compact 5-pin DIP device delivers 1800V blocking voltage and robust isolation — with full **AEC-Q102** compliance.

Why Choose ISSR11800X

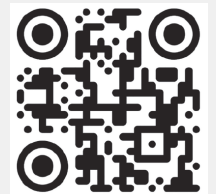
- Compact size for space-constrained PCBs
- Operates reliably from -40°C to $+125^{\circ}\text{C}$
- High isolation voltage: $>3750\text{ V rms}$
- AEC-Q102, UL 1577, and VDE DIN EN60747-5 compliant
- Anti-flame UL-1449 package
- Meets dielectric strength requirements of GB/T 34131-2023 at 5.4kv

Advanced SiC Power Inside

At the heart of the ISSR11800X is a unique fusion of LED, photodiode, and SiC MOSFET technologies — delivering fast, clean switching and exceptional endurance for modern EV and automation systems.

Applications

- ⚡ EV Charging Stations
- 🏭 Industrial Automation & PLCs
- 📱 Battery Management Systems (BMS)
- ☀️ Renewable Energy (Inverters / Micro-inverters)
- 💻 Data Communication & IT Equipment



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