

INTRODUCING OUR NEW PRODUCTS

NEW PRODUCT RELEASE — ISPQ1202X & ISPQ1204X Automotive Grade Optocouplers

ISOCOM Components 2004 Ltd (UK) introduces the **ISPQ1202X** and **ISPQ1204X**, a new series of automotive-grade optocouplers designed for EV, industrial and other demanding environments. Featuring an extended operating temperature range of **-55°C to +125°C**, the series is available in a compact 4-pin LSOP-4 surface-mount package with 8 mm creepage distance and 5,000 Vrms isolation, with **AEC-Q102** testing for automotive-grade reliability.

Why Choose ISPQ1202X & ISPQ1204X

- AEC-Q102 tested for automotive-grade reliability
- Extended operating temperature range: -55°C to +125°C
- High isolation voltage: 5,000 Vrms
- Compact 4-pin LSOP-4 surface-mount package with 8 mm creepage distance
- Wide CTR options
- ISPQ1202X: 100–300%
- ISPQ1204X: 200–600%
- Maximum collector-emitter voltage: 80V
- Complies with UL1577 and VDE DIN EN60747-5-5
- RoHS compliant

Applications

 EV & Hybrid Vehicles

 Battery Management Systems (BMS)

 Industrial Automation & PLC

 On-Board Chargers & DC-DC Converters

 EV Charging Infrastructure

 Solar Inverters & Energy Storage Systems (ESS)



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