Evaluation board
EVAL-ISSR60V4A0R1H

EVAL-iSSR60V4A0R1H







Technical & product details

Parameter	Value
Load Voltage	320 VDC / 230 VAC
Load Current	4 A DC / AC
Input Voltage	2.85 – 3.5 V
Package	PG-DSO-22-3
Isolation	Reinforced isolation (planned)
Certifications	UL 1577 / IEC 60747-17 (planned)

Learn More	
Sales name	EVAL-ISSR60V4A0R1H
SAP mat number	SP006316806
Infineon order code	EVALISSR60V4A0R1HTOBO1
IFX Components	iSSR60V4A0R1H with integrated CoolMOS™ S7
Focus applications	Smart Home & Building, SSR, Industrial Automation - PLC I/O, Laboratory Power Supplies, Test & Measurement

Features

- AC-switch evaluation board with iSSR60V4A0R1H
- Integrated solid-state isolator and CoolMOS™ S7 MOSFETs
- Ultra-fast overcurrent detection at 9.1 A typical peak
- Direct-chip temperature sensing with 155°C shutdown
- Fast turn-on and turn-off after protection events
- Dynamic Miller clamping
- TVS diode and MOV clamping for inductive energy

Benefits

- Compact, integrated 600 V solid-state relay evaluation
- No separate power switches required
- Adjustable overcurrent threshold for protection testing
- Integrated temperature sensing protects the power stage
- Easy setup with 3.3 V supply and digital input
- Miller clamping keeps relay off during fast transients
- On-board clamping for inductive-load evaluation

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