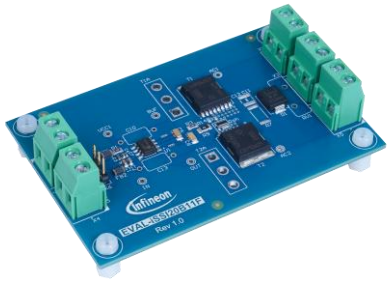
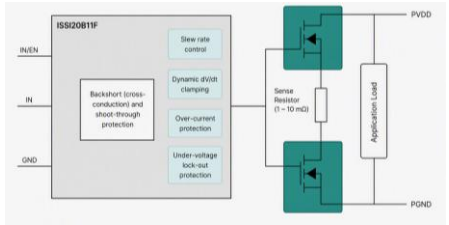
Evaluation board
EVAL-ISSI20B11F

EVAL-ISSI20B11F









Technical & product details

Parameter	Value
Load Voltage	320 VDC / 230 VAC
Load Current	12 A DC / AC
Input Voltage	2.85 - 3.5V
Package	DSO8 - 1.27 mm pitch, 150 mil
Isolation	3 kVrms
Certifications	UL1577

Learn More	
Sales name	EVAL-ISSI20B11F
SAP mat number	SP006315208
Infineon order code	EVALISSI20B11FTOBO1
IFX Components	IPT60R065S7, ISSI20B11F
Focus applications	AI Server BBU, BMS, Smart Home and Building, Industrial Automation PLC, SSR

Features

- Evaluation board with ISSI20B11F and two CoolMOS™ IPT60R065S7 MOSFETs in an AC switch configuration
- Ultra-fast overcurrent detection that is triggered at the typical peak current of 9 A
- Over-temperature protection with PTC resistor (optional).
- Fast turn-on
- Fast turn-off after overcurrent and over-temperature protection

Benefits

- CoolMOS™ enables efficient high-voltage AC switching
- Fast turn-on reduces switching losses
- 9 A detection and fast turn-off limit fault stress
- Optional PTC sensing helps prevent overheating and load damage

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