

IPM MOSFET 500V 1.5A 23-Pin SPM5P Tube



Images are for reference only

[Inquiry](#)

Manufacturer: [ON Semiconductor, LLC](#)

Package/Case: SMP23

Product Type:

Lifecycle: LTB

General Description

FSB50450A is an advanced Motion SPM® 5 series based on fast-recovery MOSFET (FRFET®) technology as a compact inverter solution for small power motor drive applications such as fans and pumps. FSB50450A contains six FRFET MOSFETs, three half-bridge gate driver HVICs with temperature sensing, and three bootstrap diodes in a compact package fully isolated and optimized for thermal performance. FSB50450A features low electromagnetic interference (EMI) characteristics through optimizing switching speed and reducing parasitic inductance. Since FSB50450A employs MOSFETs as power switches, it provides much more ruggedness and larger safe operating area (SOA) than IGBT-based power modules. FSB50450A is the right solution for compact and reliable inverter designs where the assembly space is constrained.

Application

Motion Control - Home Appliance/Industrial Motor

Recommended For You

FSBB15CH60

ON Semiconductor, LLC

SMP27

FSFR1800

ON Semiconductor, LLC

SIP-9

FSFR1800US

ON Semiconductor, LLC

SIP9

FSBB20CH60F

ON Semiconductor, LLC

MODULE

FSFR1800HSL

ON Semiconductor, LLC

SIP-9

FSBS15CH60

ON Semiconductor, LLC

MODULE

FSBB30CH60C

ON Semiconductor, LLC

SPM27

FSB50250AS

ON Semiconductor, LLC

SPM23

FSBF5CH60BS

ON Semiconductor, LLC

MODULE

FSB50450UD

ON Semiconductor, LLC

SPM23-HD

FSBS10CH60L

ON Semiconductor, LLC

MODULE

FSBS5CH60

ON Semiconductor, LLC

SPM27

FSBB15CH60C

ON Semiconductor, LLC

SPM27

FSFR2100

ON Semiconductor, LLC

SIP9

FSAB20PH60

ON Semiconductor, LLC

MODULE