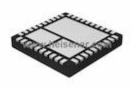




NCP5369NMNTXG Information



For Reference Only

Part Number NCP5369NMNTXG
Manufacturer ON Semiconductor
Category Integrated Circuits (ICs)

PMIC - Full, Half-Bridge Drivers

DescriptionIC REG BUCK SYNC 35APackage40-VFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

Website: https://www.heisener.com E-mail: salesdept@heisener.com



Request a Quote

Certified Quality

Heisener's commitment to quality has shaped our processes for sourcing, testing, shipping, and every step in between. This foundation underlies each component we sell.









NCP5369NMNTXG Specifications

Manufacturer Part NumberNCP5369NMNTXGManufacturerON SemiconductorCategoryIntegrated Circuits (ICs)PMIC - Full, Half-Bridge DriversPackage40-VFQFN Exposed PadSeries-Output ConfigurationHalf BridgeApplicationsSynchronous Buck ConvertersInterfacePWMLoad TypeInductiveTechnologyPower MOSFETRds On (Typ)-Current - Output / Channel35ACurrent - Peak Output50AVoltage - Supply4.5 V ~ 5.5 VVoltage - Load4.5 V ~ 25 VOperating Temperature-55°C ~ 150°C (TJ)	M. C., D. N. I	NODESCOND OFFICE
Category Integrated Circuits (ICs) PMIC - Full, Half-Bridge Drivers Package 40-VFQFN Exposed Pad Series - Output Configuration Half Bridge Applications Synchronous Buck Converters Interface PWM Load Type Inductive Technology Power MOSFET Rds On (Typ) - Current - Output / Channel 35A Current - Peak Output 50A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load		
PMIC - Full, Half-Bridge Drivers Package 40-VFQFN Exposed Pad Series - Output Configuration Half Bridge Applications Synchronous Buck Converters Interface PWM Load Type Inductive Technology Power MOSFET Rds On (Typ) - Current - Output / Channel 35A Current - Peak Output 50A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 4.5 V ~ 25 V	Manufacturer	ON Semiconductor
Package 40-VFQFN Exposed Pad Series - Output Configuration Half Bridge Applications Synchronous Buck Converters Interface PWM Load Type Inductive Technology Power MOSFET Rds On (Typ) - Current - Output / Channel 35A Current - Peak Output 50A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 4.5 V ~ 25 V	Category	Integrated Circuits (ICs)
Series - Output Configuration Half Bridge Applications Synchronous Buck Converters Interface PWM Load Type Inductive Technology Power MOSFET Rds On (Typ) - Current - Output / Channel 35A Current - Peak Output 50A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 4.5 V ~ 25 V		PMIC - Full, Half-Bridge Drivers
Output ConfigurationHalf BridgeApplicationsSynchronous Buck ConvertersInterfacePWMLoad TypeInductiveTechnologyPower MOSFETRds On (Typ)-Current - Output / Channel35ACurrent - Peak Output50AVoltage - Supply4.5 V ~ 5.5 VVoltage - Load4.5 V ~ 25 V	Package	40-VFQFN Exposed Pad
Applications Interface PWM Load Type Inductive Technology Power MOSFET Rds On (Typ) - Current - Output / Channel Current - Peak Output Voltage - Supply Voltage - Load Synchronous Buck Converters PWM Inductive Inductive Fower MOSFET - - - - - - - 50A 4.5 V ~ 5.5 V 4.5 V ~ 25 V	Series	-
Interface PWM Load Type Inductive Technology Power MOSFET Rds On (Typ) - Current - Output / Channel 35A Current - Peak Output 50A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 4.5 V ~ 25 V	Output Configuration	Half Bridge
Load Type Inductive Technology Power MOSFET Rds On (Typ) - Current - Output / Channel 35A Current - Peak Output 50A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 4.5 V ~ 25 V	Applications	Synchronous Buck Converters
Technology Power MOSFET Rds On (Typ) - Current - Output / Channel 35A Current - Peak Output 50A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 4.5 V ~ 25 V	Interface	PWM
Rds On (Typ) - Current - Output / Channel 35A Current - Peak Output 50A Voltage - Supply 4.5 V ~ 5.5 V Voltage - Load 4.5 V ~ 25 V	Load Type	Inductive
Current - Output / Channel $35A$ Current - Peak Output $50A$ Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $4.5 \text{ V} \sim 25 \text{ V}$	Technology	Power MOSFET
Current - Peak Output $50A$ Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $4.5 \text{ V} \sim 25 \text{ V}$	Rds On (Typ)	-
Voltage - Supply $4.5 \text{ V} \sim 5.5 \text{ V}$ Voltage - Load $4.5 \text{ V} \sim 25 \text{ V}$	Current - Output / Channel	35A
Voltage - Load $4.5 \text{ V} \sim 25 \text{ V}$	Current - Peak Output	50A
	Voltage - Supply	4.5 V ~ 5.5 V
Operating Temperature $-55^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$	Voltage - Load	4.5 V ~ 25 V
	Operating Temperature	-55°C ~ 150°C (TJ)
Features Bootstrap Circuit, Status Flag	Features	Bootstrap Circuit, Status Flag
Fault Protection Over Temperature, Shoot-Through, UVLO	Fault Protection	Over Temperature, Shoot-Through, UVLO
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 40-VFQFN Exposed Pad	Package / Case	40-VFQFN Exposed Pad
Supplier Device Package 40-QFN (6x6)	Supplier Device Package	40-QFN (6x6)
Report errors'		Report errors?

NCP5369NMNTXG Guarantees



Quality Guarantees

We provide 90 days warranty. *

If the items you received were not in perfect quality, we would be responsible for your refund or replacement, but the items must be returned in their original condition.



Service Guarantees

We guarantee 100% customer satisfaction.

Our experienced sales team and tech support team back our services to satisfy all our customers.

NCP5369NMNTXG Payment Methods



















NCP5369NMNTXG Shipping Methods













If you have any question about NCP5369NMNTXG, please do not hesitate to contact us!

Website: https://www.heisener.com E-mail: salesdept@heisener.com