



DRV8834RGET Information



For Reference Only

Part Number DRV8834RGET

Manufacturer Texas Instruments

Category Integrated Circuits (ICs)

PMIC - Motor Drivers, Controllers

Description IC MOTOR DRIVER PAR 24VQFN

Package 24-VFQFN Exposed Pad

For the pricing/inventory/lead time, please contact

us

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



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DRV8834RGET Specifications

Manufacturer Part Number DRV8834RGET Manufacturer Texas Instruments Category Integrated Circuits (ICs) PMIC - Motor Drivers, Controllers Package 24-VFQFN Exposed Pad Series - Motor Type - Stepper Bipolar Motor Type - AC, DC Brushed DC Function Driver - Fully Integrated, Control and Power Stage Output Configuration Half Bridge (4) Interface Step/Direction Technology Power MOSFET Step Resolution 1 ~ 1/32 Applications General Purpose Current - Output 1.5A Voltage - Supply 2.5 V ~ 10.8 V Voltage - Load 2.5 V ~ 10.8 V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-VQFN (4x4)	•	
CategoryIntegrated Circuits (ICs)PMIC - Motor Drivers, ControllersPackage24-VFQFN Exposed PadSeries-Motor Type - StepperBipolarMotor Type - AC, DCBrushed DCFunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceStep/DirectionTechnologyPower MOSFETStep Resolution1 ~ 1/32ApplicationsGeneral PurposeCurrent - Output1.5AVoltage - Supply2.5 V ~ 10.8 VVoltage - Load2.5 V ~ 10.8 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-VQFN (4x4)	Manufacturer Part Number	DRV8834RGET
Package 24-VFQFN Exposed Pad Series - Motor Type - Stepper Bipolar Motor Type - AC, DC Brushed DC Function Driver - Fully Integrated, Control and Power Stage Output Configuration Half Bridge (4) Interface Step/Direction Technology Power MOSFET Step Resolution 1 ~ 1/32 Applications General Purpose Current - Output 1.5A Voltage - Supply 2.5 V ~ 10.8 V Voltage - Load 2.5 V ~ 10.8 V Operating Temperature 40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Surpose Pad Surface Mount Package (24-VQFN (4x4))	Manufacturer	Texas Instruments
Package $24-VFQFN$ Exposed PadSeries-Motor Type - StepperBipolarMotor Type - AC, DCBrushed DCFunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceStep/DirectionTechnologyPower MOSFETStep Resolution $1 \sim 1/32$ ApplicationsGeneral PurposeCurrent - Output $1.5A$ Voltage - Supply $2.5 \text{ V} \sim 10.8 \text{ V}$ Voltage - Load $2.5 \text{ V} \sim 10.8 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ)Mounting TypeSurface MountPackage / Case $24-\text{VQFN}$ Exposed PadSupplier Device Package $24-\text{VQFN}$ (4x4)	Category	Integrated Circuits (ICs)
Series - Motor Type - Stepper Bipolar Motor Type - AC, DC Brushed DC Function Driver - Fully Integrated, Control and Power Stage Output Configuration Half Bridge (4) Interface Step/Direction Technology Power MOSFET Step Resolution 1 ~ 1/32 Applications General Purpose Current - Output 1.5A Voltage - Supply 2.5 V ~ 10.8 V Voltage - Load 2.5 V ~ 10.8 V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-VQFN (4x4)		PMIC - Motor Drivers, Controllers
Motor Type - StepperBipolarMotor Type - AC, DCBrushed DCFunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceStep/DirectionTechnologyPower MOSFETStep Resolution1 ~ 1/32ApplicationsGeneral PurposeCurrent - Output1.5AVoltage - Supply2.5 V ~ 10.8 VVoltage - Load2.5 V ~ 10.8 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-VQFN (4x4)	Package	24-VFQFN Exposed Pad
Motor Type - AC, DCBrushed DCFunctionDriver - Fully Integrated, Control and Power StageOutput ConfigurationHalf Bridge (4)InterfaceStep/DirectionTechnologyPower MOSFETStep Resolution $1 \sim 1/32$ ApplicationsGeneral PurposeCurrent - Output $1.5A$ Voltage - Supply $2.5 \text{ V} \sim 10.8 \text{ V}$ Voltage - Load $2.5 \text{ V} \sim 10.8 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ)Mounting TypeSurface MountPackage / Case $24-\text{VFQFN}$ Exposed PadSupplier Device Package $24-\text{VQFN}$ (4x4)	Series	-
Function Driver - Fully Integrated, Control and Power Stage Output Configuration Half Bridge (4) Interface Step/Direction Technology Power MOSFET Step Resolution 1 ~ 1/32 Applications General Purpose Current - Output 1.5A Voltage - Supply 2.5 V ~ 10.8 V Voltage - Load 2.5 V ~ 10.8 V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-VQFN (4x4)	Motor Type - Stepper	Bipolar
Output Configuration Half Bridge (4) Interface Step/Direction Technology Power MOSFET Step Resolution 1 ~ 1/32 Applications General Purpose Current - Output 1.5A Voltage - Supply 2.5 V ~ 10.8 V Voltage - Load 2.5 V ~ 10.8 V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-VQFN (4x4)	Motor Type - AC, DC	Brushed DC
InterfaceStep/DirectionTechnologyPower MOSFETStep Resolution $1 \sim 1/32$ ApplicationsGeneral PurposeCurrent - Output $1.5A$ Voltage - Supply $2.5 \text{ V} \sim 10.8 \text{ V}$ Voltage - Load $2.5 \text{ V} \sim 10.8 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ)Mounting TypeSurface MountPackage / Case 24-VFQFN Exposed PadSupplier Device Package 24-VQFN (4x4)	Function	Driver - Fully Integrated, Control and Power Stage
TechnologyPower MOSFETStep Resolution $1 \sim 1/32$ ApplicationsGeneral PurposeCurrent - Output $1.5A$ Voltage - Supply $2.5 \text{ V} \sim 10.8 \text{ V}$ Voltage - Load $2.5 \text{ V} \sim 10.8 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$ (TJ)Mounting TypeSurface MountPackage / Case 24-VFQFN Exposed PadSupplier Device Package 24-VQFN (4x4)	Output Configuration	Half Bridge (4)
Step Resolution1 ~ 1/32ApplicationsGeneral PurposeCurrent - Output1.5AVoltage - Supply2.5 V ~ 10.8 VVoltage - Load2.5 V ~ 10.8 VOperating Temperature-40°C ~ 150°C (TJ)Mounting TypeSurface MountPackage / Case24-VFQFN Exposed PadSupplier Device Package24-VQFN (4x4)	Interface	Step/Direction
Applications General Purpose Current - Output 1.5A Voltage - Supply 2.5 V ~ 10.8 V Voltage - Load 2.5 V ~ 10.8 V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-VQFN (4x4)	Technology	Power MOSFET
Current - Output $1.5A$ Voltage - Supply $2.5 \text{ V} \sim 10.8 \text{ V}$ Voltage - Load $2.5 \text{ V} \sim 10.8 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C} \text{ (TJ)}$ Mounting TypeSurface MountPackage / Case $24\text{-VFQFN Exposed Pad}$ Supplier Device Package 24-VQFN (4x4)	Step Resolution	1 ~ 1/32
Voltage - Supply $2.5 \text{ V} \sim 10.8 \text{ V}$ Voltage - Load $2.5 \text{ V} \sim 10.8 \text{ V}$ Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C (TJ)}$ Mounting Type Surface Mount $Package / Case \qquad 24-\text{VFQFN Exposed Pad}$ Supplier Device Package $24-\text{VQFN (4x4)}$	Applications	General Purpose
Voltage - Load 2.5 V ~ 10.8 V Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-VQFN (4x4)	Current - Output	1.5A
Operating Temperature -40°C ~ 150°C (TJ) Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-VQFN (4x4)	Voltage - Supply	2.5 V ~ 10.8 V
Mounting Type Surface Mount Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-VQFN (4x4)	Voltage - Load	2.5 V ~ 10.8 V
Package / Case 24-VFQFN Exposed Pad Supplier Device Package 24-VQFN (4x4)	Operating Temperature	-40°C ~ 150°C (TJ)
Supplier Device Package 24-VQFN (4x4)	Mounting Type	Surface Mount
	Package / Case	24-VFQFN Exposed Pad
Report errors?	Supplier Device Package	24-VQFN (4x4)
		Report errors?

DRV8834RGET 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.

DRV8834RGET Payment Methods





















DRV8834RGET Shipping Methods













If you have any question about DRV8834RGET, please do not hesitate to contact us!

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