



## **IRMCK182M Information**

Heisener.com

Part Number IRMCK182M

Manufacturer Infineon Technologies Category Integrated Circuits (ICs)

PMIC - Motor Drivers, Controllers

**Description** IC MOTOR CTLR I2C/SPI 28MLPQ

28-WFQFN Exposed Pad **Package** 

For the pricing/inventory/lead time, please contact

Website: https://www.heisener.com For Reference Only

E-mail: salesdept@heisener.com



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## **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.









## **IRMCK182M Specifications**

Manufacturer Part Number       IRMCK182M         Manufacturer       Infineon Technologies         Category       Integrated Circuits (ICs)         PMIC - Motor Drivers, Controllers         Package       28-WFQFN Exposed Pad         Series       iMOTION?, MCE?         Motor Type - Stepper       -         Motor Type - AC, DC       AC, Induction, Synchronous         Function       Controller - Commutation, Direction Management         Output Configuration       Pre-Driver - Half Bridge (3)         Interface       RS-232         Technology       Power MOSFET         Step Resolution       -         Applications       Appliance         Current - Output       -         Voltage - Supply       3V ~ 3.6V         Voltage - Load       -         Operating Temperature       -40°C ~ 85°C (TA)         Mounting Type       Surface Mount         Package / Case       28-WFQFN Exposed Pad         Supplier Device Package       28-MLPQ (5x5)	•	
CategoryIntegrated Circuits (ICs)Package28-WFQFN Exposed PadSeriesiMOTION?, MCE?Motor Type - Stepper-Motor Type - AC, DCAC, Induction, SynchronousFunctionController - Commutation, Direction ManagementOutput ConfigurationPre-Driver - Half Bridge (3)InterfaceRS-232TechnologyPower MOSFETStep Resolution-ApplicationsApplianceCurrent - Output-Voltage - Supply3V ~ 3.6VVoltage - Load-Operating Temperature-40°C ~ 85°C (TA)Mounting TypeSurface MountPackage / Case28-WFQFN Exposed PadSupplier Device Package28-MLPQ (5x5)	Manufacturer Part Number	IRMCK182M
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Step Resolution - Applications Appliance Current - Output - Voltage - Supply 3V ~ 3.6V  Voltage - Load - Operating Temperature -40°C ~ 85°C (TA)  Mounting Type Surface Mount Package / Case 28-WFQFN Exposed Pad Supplier Device Package 28-MLPQ (5x5)	Interface	RS-232
Applications Current - Output - Voltage - Supply 3V ~ 3.6V  Voltage - Load - Operating Temperature -40°C ~ 85°C (TA)  Mounting Type Surface Mount Package / Case 28-WFQFN Exposed Pad  Supplier Device Package 28-MLPQ (5x5)	Technology	Power MOSFET
Current - Output  Voltage - Supply  3V ~ 3.6V  Voltage - Load  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  28-WFQFN Exposed Pad  Supplier Device Package  28-MLPQ (5x5)	Step Resolution	-
Voltage - Supply  3V ~ 3.6V  Voltage - Load  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  28-WFQFN Exposed Pad  Supplier Device Package  28-MLPQ (5x5)	Applications	Appliance
Voltage - Load  Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  28-WFQFN Exposed Pad  Supplier Device Package  28-MLPQ (5x5)	Current - Output	-
Operating Temperature  -40°C ~ 85°C (TA)  Mounting Type  Surface Mount  Package / Case  28-WFQFN Exposed Pad  Supplier Device Package  28-MLPQ (5x5)	Voltage - Supply	3V ~ 3.6V
Mounting Type Surface Mount Package / Case 28-WFQFN Exposed Pad Supplier Device Package 28-MLPQ (5x5)	Voltage - Load	-
Package / Case 28-WFQFN Exposed Pad Supplier Device Package 28-MLPQ (5x5)	Operating Temperature	$-40^{\circ}\text{C} \sim 85^{\circ}\text{C} \text{ (TA)}$
Supplier Device Package 28-MLPQ (5x5)	Mounting Type	Surface Mount
••	Package / Case	28-WFQFN Exposed Pad
Report errors?	Supplier Device Package	28-MLPQ (5x5)
Terrestation		Report errors?

### **IRMCK182M 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.

# **IRMCK182M Payment Methods**



















## **IRMCK182M Shipping Methods**













If you have any question about IRMCK182M, please do not hesitate to contact us!

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