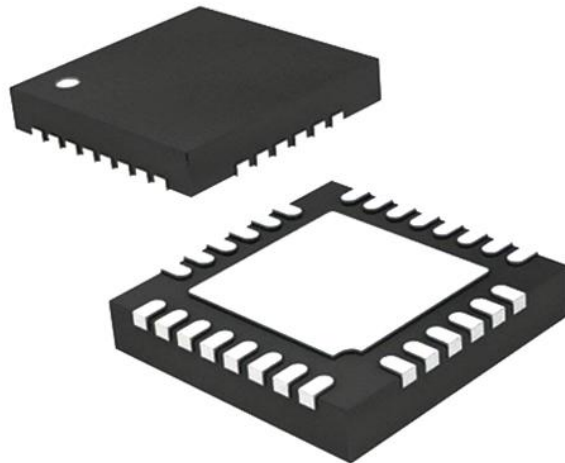


10.525G Radar Induction MCU

Model No.:QNF-24816



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Model No.	QNF-24816	PIR -MCU	10.525G radar sensing chip
VCC	1.2V	Standard value: 1.2V	default
I norm	30mA		
output signal	Analog		
frequency	10.525G		
Induction method	Doppler transceiver integrated		
PCB plate	RF4	Ceramic plate	
Induction sensitivity	adjustable		custom
Symbol	value	parameter	
Pin 1- Pin 3	threshold setting	Adjust threshold	
Pin5 Pin 6	Amplification gain	Antenna gain adjustment	
Pin 9	TF	TF Port	Horn layout 6x6mm
Pin 21	RF	RFPort	Horn layout 6x6mm
Pin13.15.16.17.18	VDD	VDD	1.2v
Pin 25	GND	VSS	
Pin 4.7.8.10.11.12.14	IO	Empty	
Pin 19.20.22.23.24	IO	Empty	
package	QNF-24		
operation temperature	-20---+70		

Introduction: QNF-24816 is a 10.525G Doppler radar sensing chip. The chip integrates RF, analog, and digital signal processing units and can directly output target detection results. With more perception functions such as micro motion perception, presence perception, life perception, speed and distance measurement, gesture recognition, movement direction judgment, and the Internet of Things, it fills or surpasses traditional infrared perception technology and is more suitable for related industries to achieve intelligent application innovation in product technology. When designing circuits, it is necessary to standardize PCB design.

