

42551-52 Information


For Reference Only

Part Number 42551-52
Manufacturer Peregrine Semiconductor
Category RF/IF and RFID
[RF Switches](#)
Description IC RF SWITCH SPDT 50 OHM 20-QFN
Package 20-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.


42551-52 Specifications

Manufacturer Part Number	42551-52
Manufacturer	Peregrine Semiconductor
Category	RF/IF and RFID RF Switches
Package	20-VFQFN Exposed Pad
Series	UltraCMOS?, HaRP?
Frequency - Lower	9kHz
Frequency - Upper	6GHz
Isolation @ Frequency	21dB @ 6GHz (typ)
Insertion Loss @ Frequency	0.9dB @ 6GHz
IIP3	50dBm (typ)
Topology	Reflective
Circuit	SPDT
P1dB	34dBm (typ) IP1dB
Features	Single Line Control
Impedance	50 Ohm
Operating Temperature	-40°C ~ 85°C
Voltage - Supply	2.5 V ~ 3 V
RF Type	General Purpose
Package / Case	20-VFQFN Exposed Pad
Supplier Device Package	20-QFN (4x4)

[Report errors?](#)

42551-52 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.

42551-52 Payment Methods



42551-52 Shipping Methods



If you have any question about 42551-52, please do not hesitate to contact us!

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