

TDA5251XUMA1 Information


For Reference Only

Part Number [TDA5251XUMA1](#)
Manufacturer Infineon Technologies
Category RF/IF and RFID
[RF Transceiver ICs](#)
Description IC RF TXRX ISM<1GHZ 38-TFSOP
Package 38-TFSOP (0.173", 4.40mm Width)
 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.


TDA5251XUMA1 Specifications

| | |
|--------------------------|--|
| Manufacturer Part Number | TDA5251XUMA1 |
| Manufacturer | Infineon Technologies |
| Category | RF/IF and RFID RF Transceiver ICs |
| Package | 38-TFSOP (0.173", 4.40mm Width) |
| Series | - |
| Type | TxRx Only |
| RF Family/Standard | General ISM < 1GHz |
| Protocol | - |
| Modulation | ASK, FSK |
| Frequency | 315MHz |
| Data Rate (Max) | 64kbps |
| Power - Output | 13dBm |
| Sensitivity | -109dBm |
| Memory Size | - |
| Serial Interfaces | I2C, SPI |
| GPIO | - |
| Voltage - Supply | 2.1 V ~ 5.5 V |
| Current - Receiving | 8.8mA ~ 9.8mA |
| Current - Transmitting | 5.4mA ~ 18.7mA |
| Operating Temperature | -40°C ~ 85°C |
| Package / Case | 38-TFSOP (0.173", 4.40mm Width) |

[Report errors?](#)

TDA5251XUMA1 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.

TDA5251XUMA1 Payment Methods



TDA5251XUMA1 Shipping Methods



If you have any question about TDA5251XUMA1, please do not hesitate to contact us!

Website: <https://www.heisener.com>

E-mail: salesdept@heisener.com