

# TLE9871QXA20XUMA1

## TLE9871QXA20XUMA1 Information



For Reference Only

Part Number TLE9871QXA20XUMA1
Manufacturer Infineon Technologies
Category Integrated Circuits (ICs)

Embedded - Microcontrollers - Application Specific

**Description**IC MOTOR DRIVER 48VQFN**Package**48-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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## **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.









# TLE9871QXA20XUMA1 Specifications

Manufacturer Part NumberTLE9871QXA20XUMA1ManufacturerInfineon TechnologiesCategoryIntegrated Circuits (ICs)Embedded - Microcontrollers - Application SpecificPackage48-VFQFN Exposed PadSeriesAutomotive, AEC-Q100ApplicationsAutomotiveCore ProcessorARM? Cortex?-M3Program Memory TypeFLASH (36 kB)Controller Series-RAM Size3K x 8InterfaceSSI, UARTNumber of I/O10Voltage - Supply5.5 V ~ 28 V		
Category  Integrated Circuits (ICs)  Embedded - Microcontrollers - Application Specific  Package 48-VFQFN Exposed Pad  Series Automotive, AEC-Q100  Applications Automotive  Core Processor ARM? Cortex?-M3  Program Memory Type FLASH (36 kB)  Controller Series -  RAM Size 3K x 8  Interface SSI, UART  Number of I/O 10	Manufacturer Part Number	TLE9871QXA20XUMA1
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Applications Core Processor ARM? Cortex?-M3 Program Memory Type FLASH (36 kB) Controller Series - RAM Size 3K x 8 Interface SSI, UART Number of I/O 10	Package	48-VFQFN Exposed Pad
Core Processor ARM? Cortex?-M3  Program Memory Type FLASH (36 kB)  Controller Series -  RAM Size 3K x 8  Interface SSI, UART  Number of I/O 10	Series	Automotive, AEC-Q100
Program Memory Type FLASH (36 kB)  Controller Series -  RAM Size 3K x 8  Interface SSI, UART  Number of I/O 10	Applications	Automotive
Controller Series         -           RAM Size         3K x 8           Interface         SSI, UART           Number of I/O         10	Core Processor	ARM? Cortex?-M3
RAM Size 3K x 8 Interface SSI, UART Number of I/O 10	Program Memory Type	FLASH (36 kB)
Interface SSI, UART Number of I/O 10	Controller Series	-
Number of I/O 10	RAM Size	3K x 8
	Interface	SSI, UART
Voltage - Supply $5.5 \text{ V} \sim 28 \text{ V}$	Number of I/O	10
	Voltage - Supply	5.5 V ~ 28 V
Operating Temperature $-40^{\circ}\text{C} \sim 150^{\circ}\text{C}$	Operating Temperature	-40°C ~ 150°C
Mounting Type Surface Mount	Mounting Type	Surface Mount
Package / Case 48-VFQFN Exposed Pad	Package / Case	48-VFQFN Exposed Pad
Supplier Device Package PG-VQFN-48-29	Supplier Device Package	PG-VQFN-48-29
Report errors?		Report errors?

### **TLE9871QXA20XUMA1 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.

### TLE9871QXA20XUMA1 Payment Methods



















## TLE9871QXA20XUMA1 Shipping Methods













If you have any question about TLE9871QXA20XUMA1, please do not hesitate to contact us!

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