

Image may be representation.
See specifications for product details.



TLE9877QXA40XUMA2

Manufacturer Part Number [TLE9877QXA40XUMA2](#)

Manufacturer [Infineon Technologies](#)

Allelco Part Number 32D-TLE9877QXA40XUMA2

ECAD Model PCB Symbol, Footprint & 3D Model

Parts Description **IC SOC MOTOR DRIVER 48VQFN**

Package **48-VFQFN Exposed Pad**

Data sheet [TLE9877QXA40.pdf](#)

[TLE987x Brief.pdf](#)

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RoHS Status **ROHS3 Compliant**

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TLE9877QXA40XUMA2 - Infineon Technologies. New Original in Stock. Download Linear Technology TLE9877QXA40XUMA2 datasheet/specifications on AllelcoElec.com. Request a quote for TLE9877QXA40XUMA2, please send us email: info@allelco.com

Specifications

TLE9877QXA40XUMA2 Tech Specifications

TLE9877QXA40XUMA2 - Infineon Technologies technical specifications, attributes, parameters

Product Attribute	Attribute Value	Product Attribute	Attribute Value
Manufacturer	Infineon Technologies	Operating Temperature	-40°C ~ 150°C
Voltage - Supply	5.5V ~ 28V	Number of I/O	10
Supplier Device Package	PG-VQFN-48-31	Mounting Type	Surface Mount
Series	Automotive, AEC-Q100	Interface	LIN, SSI, UART
RAM Size	6K x 8	Core Processor	ARM® Cortex®-M3
Program Memory Type	FLASH (64kB)	Controller Series	-
Package / Case	48-VFQFN Exposed Pad	Base Product Number	TLE9877
Package	Tape & Reel (TR)	Applications	Automotive

Parts with Similar Specifications

The three parts on the right have similar specifications to Infineon Technologies TLE9877QXA40XUMA2

Product Attribute				
Part Number	TLE9877QXA40XUMA2	TLE9869QXA20XUMA2	TLE9871QXA20XUMA1	TLE9877QXW40XUMA1
Manufacturer	Infineon Technologies	Infineon Technologies	Infineon Technologies	Infineon Technologies
Base Product Number	TLE9877	TLE9869	TLE9871	TLE9877
Package	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)	Tape & Reel (TR)
Interface	LIN, SSI, UART	LIN, SSI, UART	SSI, UART	LIN, SSI, UART
RAM Size	6K x 8	6K x 8	3K x 8	6K x 8
Controller Series	-	-	-	-
Core Processor	ARM® Cortex®-M3	ARM® Cortex®-M3	ARM® Cortex®-M3	ARM® Cortex®-M3
Voltage - Supply	5.5V ~ 28V	5.5V ~ 28V	5.5V ~ 28V	5.5V ~ 28V
Operating Temperature	-40°C ~ 150°C	-40°C ~ 150°C	-40°C ~ 150°C	-40°C ~ 175°C
Mounting Type	Surface Mount	Surface Mount	Surface Mount	Surface Mount
Number of I/O	10	10	10	10
Applications	Automotive	Automotive	Automotive	Automotive
Package / Case	48-VFQFN Exposed Pad	48-VFQFN Exposed Pad	48-VFQFN Exposed Pad	48-VFQFN Exposed Pad
Series	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100	Automotive, AEC-Q100
Program Memory Type	FLASH (64kB)	FLASH (128kB)	FLASH (36kB)	FLASH (64kB)
Supplier Device Package	PG-VQFN-48-31	PG-VQFN-48-31	PG-VQFN-48-29	PG-VQFN-48-29

TLE9877QXA40XUMA2 Datasheet PDF

Download TLE9877QXA40XUMA2 pdf datasheets and Infineon Technologies documentation for TLE9877QXA40XUMA2 - Infineon Technologies.

Datasheets

[TLE987x Brief.pdf](#)

Other Related Documents

[Part Number Guide.pdf](#)

PCN Packaging

[Mult Dev Cover Tape Chg 13/Jul/2022.pdf](#)

[330mm Reel Pkg Chg 3/Aug/2018.pdf](#)

PCN Design/Specification

[Mult Dev Des Chgs 13/May/2022.pdf](#)

[TLE986/987 FW 18/Oct/2022.pdf](#)

Errata

TLE986xQX, TLE987xQX Family Errata*.pdf

PCN Assembly/Origin

TL986/987 Test Add 5/Dec/2018.pdf

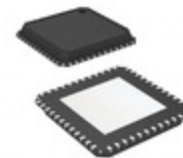
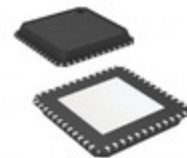
HTML Datasheet

TLE9877QXA40.pdf

TLE987x Brief.pdf

Customers Also Interested in

Recommended Products



TLE9869QXA20XUMA2

Infineon Technologies
IC SOC MOTOR DRIVER 48VQFN

TLED2043IGQN

Texas Instruments

TLE9871QXA20XUMA1

Infineon Technologies
IC MOTOR DRIVER 48VQFN

TLE9877QXW40XUMA1

Infineon Technologies
IC SOC MOTOR DRIVER 48VQFN

TLEGD1100B

TAEC Product (Toshiba
Electronic Devices and Stora

TLE9867QXW20XUMA1

Infineon Technologies
IC SOC MOTOR DRIVER 48VQFN



TLE9877QXA20

Cypress Semiconductor
(Infineon Technologies)

TLE9877QXA40

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TLEGD1034(T22(O))

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TLE9879QXA40

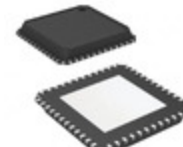
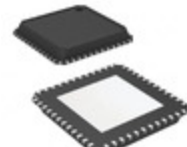
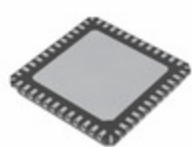
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TLE9879QXA40XUMA1

Infineon Technologies
IC MOTOR DRIVER 48VQFN

TLE9853QXXUMA1

Infineon Technologies
IC MCU 32BIT 48KB FLASH 48VQFN

TLE9879QXW40

Cypress Semiconductor
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TLE9861QXA20

Cypress Semiconductor
(Infineon Technologies)

TLED2043IGQNR

Texas Instruments
IC LED DRIVER LINEAR 50MA 20BGA

TLE9854QXWXUMA1

Infineon Technologies
IC MCU 32BIT 64KB FLASH 48VQFN

Shipment

Delivery Time

In-stock items can be shipped within 24 hours. Some parts will be arranged for delivery within 1-2 days from the date all items arrive at our warehouse. And Allelco ships order once a day at about 17:00, except Sunday. Once the goods are shipped, the estimated delivery time depends on the shipping methods and Delivery destination. The table below shows are the logistic time for some common countries.

Delivery Cost

> Use your express account for shipment if you have one.

> Use our account for the shipment. Refer to the table below for the approximate charges.

(Different time frame / countries / package size has different price.)

Delivery Method

> Global Common Shipment by DHL / UPS / FedEx / TNT / EMS / SF we support.

> Others more shipping ways, please get in touch with your customer manager.

Common Countries Logistic Time Reference

Region	Country	Logistic Time(Day)
America	United States	5
	Brazil	7
Europe	Germany	5
	United Kingdom	4
	Italy	5
Oceania	Australia	6
	New Zealand	7
Asia	India	6
	Japan	7
Middle East	Israel	6

DHL & FedEx Shipment Charges Reference

Shipment charges(KG)	Reference DHL(USD\$)
0.00kg-1.00kg	USD\$60.00
1.00kg-2.00kg	USD\$70.00
2.00kg-3.00kg	USD\$80.00

Note: The above table is for reference only. There may have some data bias for the uncontrollable factors.
Contact us if you have any questions.

Payment Support

The payment method can be chosen from the methods shown below:

Wire Transfer (T/T, Bank Transfer), Western Union, Credit card,
PayPal.



Your Faithful Supply Chain Partner -



Efficient Supply
Management



Cost-Saving
Procurement



Fast Sourcing &
Delivery

Contact us if you have any questions.



Phone

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Certifications & Memberships



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