Infineon Chatbot
Quick Start Guide

IFAG SMT MF SC

Welcome



Hi, I am Infineon Chatbot. I am happy to assist you ☺
Let me tell you what I am capable of.

Note: supported browsers are Chrome, Safari, Firefox, Edge

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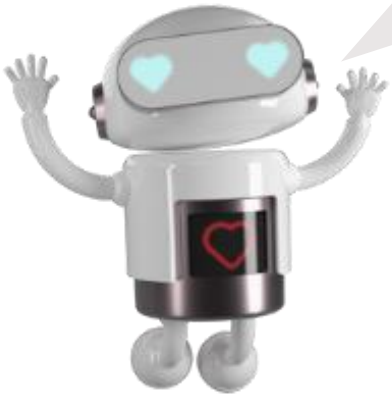
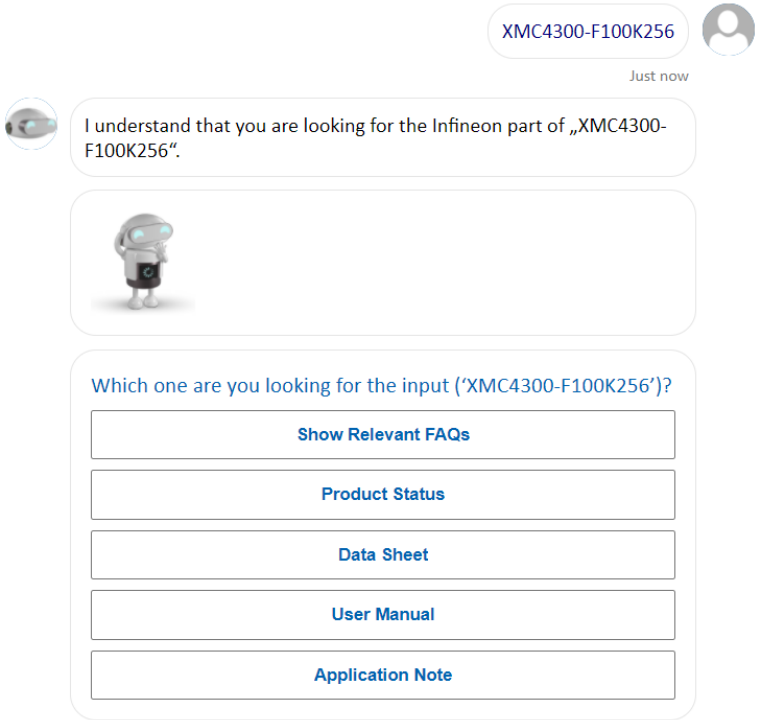
Find Infineon Product Documents

You simply type in a valid Infineon part number.
I can find relevant FAQs, status, documents for you.

Note: Enter part numbers without spaces, e.g. When entering „XMC4300-F100K256 AA“, simply drop all characters behind the space by entering „ XMC4300-F100K256“





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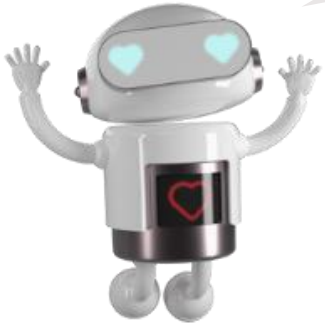
Find Infineon Product Documents

You do not need to always tell me the complete part number, i.e. if you give me part of it, I can also find all related choices.

Tip: shorter part number works better than long part number, e.g. „XMC4300“ better than „ XMC4300-F100K256“



IMC101T

Just now

I understand that you are looking for the Infineon part of „IMC101T“.



Which one are you looking for the input (‘IMC101T’)?

- Show Relevant FAQs
- Product Status
- Data Sheet
- User Manual
- Application Note

I found this product information for you!



The product information for the input (‘IMC101T’)

- IMC101T-F064
- IMC101T-Q048
- IMC101T-T038
- IMC101T-F048

Note:

- ‘IMC101T’ doesn’t exist, so I helped to search using wild card ‘*IMC101T*’.
- 4 results found for input ‘IMC101T’.

This was helpful | This was not helpful

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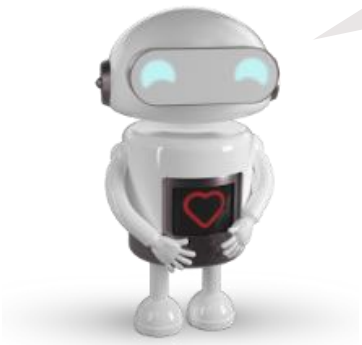
Find Infineon Product Documents

However, I can only find public information / documents. For restricted or confidential request, please contact our Infineon Support Team.



I understand that you are looking for data sheet for „BAS40E8224HTMA1“.





I am sorry that your requested information is either resitricted or not available. You could use the following 2 options to contact us. Thank you.

Contact our engineers via support form

Start live chat with our service center

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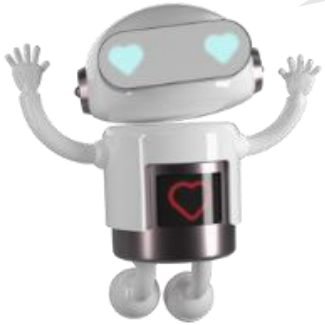
Find Cross Reference

I can also help to find an Infineon replacement based on the part number you told me.

Tip: shorter part number works better than long part number



NGTB50N60L2

Just now

I understand that you are looking for cross reference for „NGTB50N60L2".



I found this cross reference for you!



The cross references for the input ('NGTB50N60L2')

NGTB50N60L2

Vendor Product	NGTB50N60L2
Vendor Name	On Semiconductor
Infineon Product	IKFW50N60ET
Datasheet	IKFW50N60ET
Product status	active and preferred
Order Online	Y
Short Description	Discrete IGBT with Anti-Parallel Diode
Similarity Info	Similar

Note:

- 1 results found for input 'NGTB50N60L2'.

This was helpful | This was not helpful

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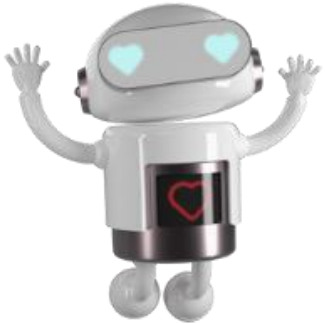
General / Technical Questions

Of course, you can ask me general or technical questions related to Infineon.



Does AURIX support QSPI?

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Here is what I curerntly know

- Does AURIX support Quad SPI (QSPI)?
- What toolchains does AURIX support?
- Does GTM in Aurix TC2xx support up-down counter mode?
- Aurix: Why am i getting 0xFF from the QSPI Rx register?
- Aurix: How to recover SPD and BRD error in QSPI module
- Aurix: Clarification of QSPI pin configuration
- What does the ENPS signal do in Aurix?

Have you found out what you need?

If your required information is not found in the above options then contact customer support by clicking the button below:

- Contact our engineers via support form
- Start live chat with our service center
- This was helpful
- This was not helpful

I cannot login into myInfineon

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To login to your myInfineon account, please go to https://www.infineon.com and click "login" in the top navigation menu of the website. Please enter your e-mail and password as user credentials. In case you forgot your password, please click on "Forgotten password". If this issue still cannot be solved, please contact us via the support form: https://www.infineon.com/tac.

- This was helpful
- This was not helpful

How to do LED current calibration with TLD5501-2?

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Calibration procedure for the current: (1) Power the load with a low analog dimming value (for example 10%) (2) Set PWMI1,2 = LOW and disconnect the load at the same time (to avoid Vout drifts from operating conditions and bring the output current to 0) (3) Quickly (to avoid Vout drifts) µC enables the calibration routine: LOOPCTRL_CH1,2.ENCAL_CH1,2 = HIGH (4) Quickly (to avoid Vout drifts) µC starts the calibration: LEDCURRCAL_CH1,2.SOCAL_CH1,2 = HIGH (5) Waiting time (needed to internally perform the calibration routine) → approx. 200 µs (6) TLD5501-2QV will set the FLAG: LEDCURRCAL_CH1,2.EOCAL_CH1,2 = HIGH, when calibration routine has finished (7) Reconnect the load (8) The output current is automatically adjusted to a low offset and more accurate analog dimming value

Read more in section 8.2 of the TLD5501-2QV-DS- datasheet or have a look at the page.

- This was helpful
- This was not helpful

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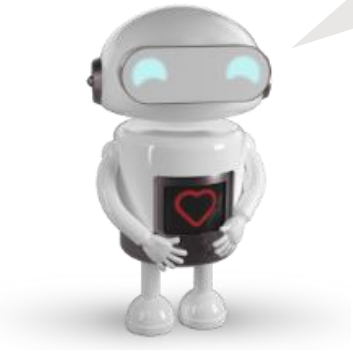
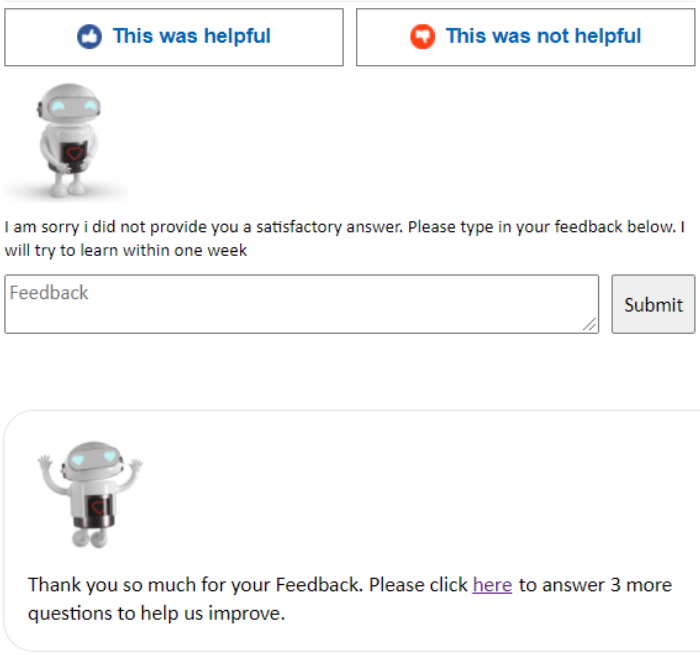
I am still learning ☺

I keep on learning every day.
You could help me to be better by providing feedback.
Thank you very much!





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Part of your life. Part of tomorrow.

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