

NXP MC56F80000 Evaluation Kit User Guide

[Home](#) » [NXP](#) » NXP MC56F80000 Evaluation Kit User Guide 



SECURE CONNECTIONS
FOR A SMARTER WORLD

QUICK START GUIDE
MC56F80000-EVK
MC56F80000 EVALUATION KIT



Contents

- 1 GET TO KNOW THE MC56F80000-EVK
- 2 OPERATION NOTES
- 3 SUPPORT
- 4 WARRANTY
- 5 Documents / Resources
 - 5.1 References
- 6 Related Posts

GET TO KNOW THE MC56F80000-EVK

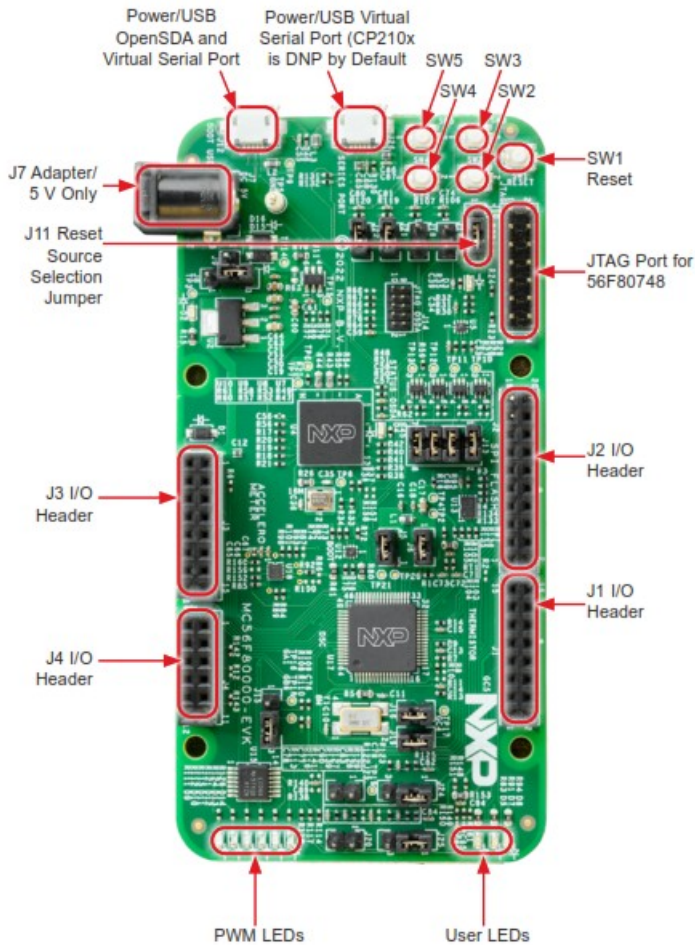


Figure 1: MC56F80000-EVK Callouts

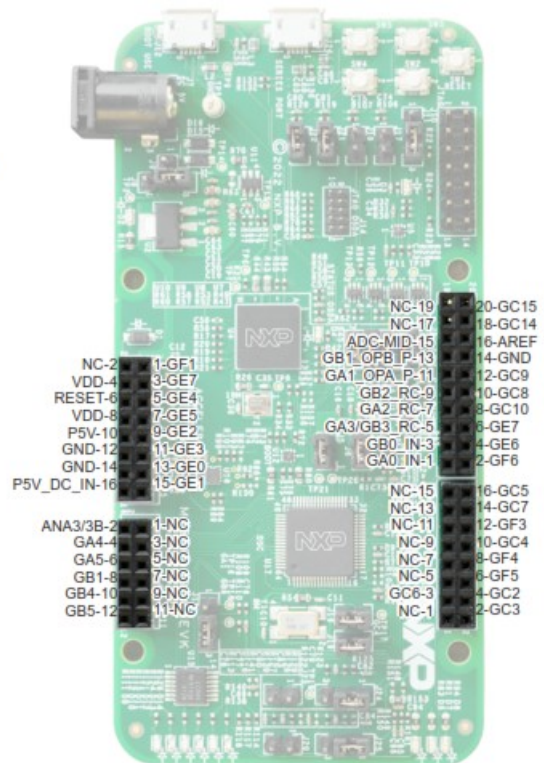


Figure 2: MC56F80000-EVK Pin-Outs

OPERATION NOTES

1. MC56F80000-EVK can be powered by either of the USB connectors (J12, J26), or the adapter input (J7). Beware that only an adapter with 5V output can be used.
2. When the board is powered up, a green LED D2 will illuminate, indicating 3.3V is on. If the board is powered by USB connector (J12), an orange LED D4 will also illuminate, indicating K26 is powered.
3. J12 is the on-board OPENSDA (realized by K26) connector which can be used to debug/program MC56F80748. It provides a virtual serial port as well.
4. J26 is the virtual serial port connector. CP210x USB to UART bridge VCP Drivers are needed. CP210x is not populated by default on the board.

5. J10 is the JTAG connector for MC56F80748. Remember to remove four jumpers on J13 when this JTAG is used. This is to avoid the impact of on-board OPENSDA circuit.
6. Pin2 and pin3 of J11 are connected by default to enable the external reset from SW1.



GET STARTED

Download installation software and documentation under “**Jump Start Your Design**” at www.nxp.com/MC56F80000-EVK.

SUPPORT

Visit www.nxp.com/support for a list of phone numbers within your region.

WARRANTY

Visit www.nxp.com/warranty for complete warranty information.

www.nxp.com/MC56F80000-EVK

NXP, the NXP logo and NXP SECURE CONNECTIONS FOR A SMARTER WORLD are trademarks of NXP B.V. All other product or service names are the property of their respective owners. © 2022 NXP B.V.

Document Number: MC56F80000QSG REV 0 Agile Number: 926- 54617 Rev A

Documents / Resources

| | |
|--|--|
|  <p>QUICK START GUIDE MC56F80000 EVALUATION KIT</p> | <p>NXP MC56F80000 Evaluation Kit [pdf] User Guide MC56F80000 Evaluation Kit, MC56F80000, Evaluation Kit, Kit</p> |
|--|--|

References

- [MC56F80000-EVK | NXP Semiconductors](#)
- [Support | NXP Semiconductors](#)
- [Returns and Warranty Information | NXP Semiconductors](#)