INFINEON SEMICONDUCTOR CORPORATION
Internal Correspondence

Date: 4/28/2024 **WW: 2332**
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Subject: **CYW20822 EZ-Serial Firmware Platform Release v1.4.1.0**
Category: CYW20822, EZ-Serial, Release Note
Distribution:

PURPOSE

This memo documents CYW20822 EZ-Serial release note of firmware version 1.4.1 build0(v1.4.1.0). The firmware only includes 1 image file “EZ_serial_MP_v1.4.1.0.zip”, you can download it from https://confluencewikiprod.intra.infineon.com/display/ICWMOD/CYW20822.

DETAIL

Detail of the release note see the content below.

CYW20822 EZ-Serial Firmware Release Notes

Release Version:	V1.4.1 build0
Release Date:	2024-04-28

1.4.1.0: Features

This build works on CYW20822 M2 board.

It supports full functions documents in user guide 002-39351.
Details about all this EZ-Serial firmware platform support commands, responses and events can refer to the User Guide document listed in Released Archive section.

Known Issues

N/A

Current test

2.5V Idle (/RFAC default):0.4mA
/AX: 260uA
2.5V SSLP,L=0: 292uA
2.5V SSLP,L=1: 275uA
2.5V SSLP,L=2: 5uA
2.5 V, /SLEEP,T=0: <1uA

Released Archive

- **EZ_serial_arch_v1.4.1.0.atm**

Items	Link
Source Code	N/A
Image Files	https://confluencewikiprod.intra.infineon.com/display/ICWMOD/CYW20822
User Guide	Spec 002-39351

Firmware Checksum

Items	Checksum
OTA download BIN file	File: EZ_serial_arch_v1.4.1.0.atm CRC-32: 1225467107 MD5: af3a4d532ab2c14a4d19594f8bae0adc SHA-256: 00ef06d3126770dc1aee97b60907361ea86e345a28fc02eeb700d2800871fa4a

Firmware Parameters

This firmware image has following version and hardware ID information supplied in the **system_boot** (“BOOT”) event.

Application Version	1.4.1 build0 (“E=01040100”)
Stack Version	SDK (“S=05040001”)
Protocol Version	0.1 (“P=0001”)
Hardware ID	0x40 (“H=40”)

Note, all other firmware configuration parameters are set to EZ-Serial default configuration which can be found in the User Guide document. There are no specific user settings for this module and release.

Firmware Requirements

Refers to EZ-Serial Platform EROS (001-97284) for generic platform requirements. There are no specific requirements for this module and release.

Build Environment

N/A

Revision History

Arena Rev.	FW Rev.	Reviser	Description
N/A	0.1.2.0	Zhangxug	First release
N/A	0.3.2.0	Zhangxug	Fixed UART baud rate unstable issue.
N/A	0.6.0.0	Zhangxug	Add UART Loader
N/A	0.7.0.0	Zhangxug	GPIO P13 changed for low power
N/A	0.7.1.0	Zhangxug	Error of Echo response, an 0x0A appended the response package
N/A	1.0.1.0	Zhangxug	Update more features
N/A	1.0.4.0	Zhangxug	GPIO Group implemented
N/A	1.0.9.0	Zhangxug	Bugs fixed found before.
N/A	1.0.11.0	Zhangxug	Low power function update and stuck issue fixed.
N/A	1.4.1.0	Zhangxug	Supports Binary mode.

End of Memo