

RFD40 Software Release Notes (PAAFKS00-001-R05)

Release Notes for RFD40 SAAFKS00-001-R05 Released Jul/22/2021

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Introduction

These release notes are for the RFD40 release SAAFKS00-001-R05.

Software Deliverables

IMAGE TYPE	VERSION	FILE NAME
RFD40 Bootloader	BAAFKS00-001-R00	BAAFKS00-001-R00E0.DAT
RFD40 ProductCode Firmware	PAAFKS00-001-R05	PAAFKS00-001-R05E0.DAT
NGE Firmware	2.0.40	nge-bf525-dev-rev2.0.40.hex

SAAFKS00-001-R05 major changes since SAAFKS00-001-R03

- Implement RFID Regulatory Errata List on Cricket
- Fix radio error F8 248 with nge 2.0.40 firmware

SAAFKS00-001-R03 major changes since beta release SAAFKS00-001-N25

- PAAFKS00-001-R03 is the encrypted version of PAAFKS00-001-N40.
- Support secure firmware update.
- Support STM low power mode.
- Turn off RFID module to save power if no RFID activity for 5 minutes.
- Improve STM firmware update time.
- New RFID module firmware 2.0.40
- Beeper and LED patterns for low battery power.
- Add EU 900MHZ regions to WR SKU.
- Demo mode to support high tag rate.

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Additional Notes:

- Zebra CDC driver should not be installed on Windows 10.
- USB HID mode not supported.
- USB RNDIS mode not supported.

Known issues

- Reader may stop reading RFID tags after reading with fastest read profile for a long time, device reset is required to recover.