Version 3vXX IO Release

Notes Firmware

Table of Contents

3v04/2v11 27-Jul-2023

Hardware

- Fix debounce logic when used on a RTU2 in PIU mode

Software

- No Changes

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3v03/2v11 27-Oct-2021

Hardware

- Add "dual proving" logic

Software

- Add "dual proving" logic

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3v02/2v10 18-Jan-2021

Hardware

- Add extra RAWOUT modes

- New PulseOut logic

Software

- Add extra RAWOUT modes

- Fix PWM1 mode

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3v01/2v09 27-Oct-2020

Hardware

- Add extra 32bit RAWIN and RAWIN_SW12 to Prover

- Add PWM mode to PulseOut

- Rework PulseOut decoding to add "inverted" modes

- New period measurement logic

- Route FREQIN0/1 to RAWOUT & Prover

- Bypass Dual Pulse resolver in Level E

- Deglitch period inputs

Software

- Add extra 32bit RAWIN and RAWIN_SW12 to Prover

- Add PWM mode to PulseOut

- Rework PulseOut decoding to add "inverted" modes

- Code up new period calculation logic for DPA/B, RAWIN, FREQA/B

- Add pulse count to FREQA/B inputs

- Add extra timestamp slots for FREQA/B inputs

- Add spare unused data slots to Rev2 Poll + Rev2 Prover Poll

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3v00/2v08 09-Jun-2020

Hardware

- Initial Release

Software

- Initial Release

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