Flex500 1.03-0 Release Notes

DATE:

June 28, 2018

BACKGROUND:

Version 1.03-0 is a new release of the FLEX_500 GAP Programmer

PART NUMBERS:

Version 1.03-0
Gap/Coder Installation Part Number: 9927-2648 -
Release Notes: 9927-2649 -

COMPATABILITY:

Footprint 5418-6479 D is required with this Coder version
To use this version of GAP Programmer, you must use GAP Editor 3.09 or higher.
To use this version of GAP Programmer, you must use AppManager 3.07 or higher.
To use this version of GAP Programmer, you must use SOS 4.07 or higher.
To use this version of GAP/Coder, you must use Control Assistant 4.08 or higher.
To use this version of GAP/Coder, you must use Toolkit 4.7 or higher.

NEW FEATURES:

This Coder / Template are derived from the the Coder trunk. The last release from the trunk was MicroNet 1.00-2. All changes that were released in that version will be in this release. All changes from Coder FLEX_500 1.02-0 will be in this release.

Changes specific to this release:
Template change to CO_SPC block.
KBA 18391 add footprint revision to log.txt . Added code to print footprint revision in log.txt on appstart
KBA 18611 CO_DVP Update DVP TxPDO's
KBA 18671 Flex1.02 - EGD Multicast only works on ENET Port 1
KBA 18710 Enable NX19_FPV on Flex_500
KBA 18711 Enable GAS_FLO_EQ on FLEX_500
KBA 18717 Flex500 Family - ETH_CFG - Allow ports 2-4 to write IPs to the registry
KBA 18725 Servlink stack corruption

Changes inherited from the Coder trunk relevant to FLEX_500:
KBA 16759 Add ability to specify delimiter between COM_1 and COM_2 in LATCH_AE
KBA 16762 ReadEETable Error
KBA 17406 Tunable Out of Range Not Loading . Added error checks for the bounds when loading tunables.
KBA 18127 NX19_FPV block help incorrect
KBA 18160 Fix issue when A_STEP_PER is constant TRUE
KBA 18200 Coder warning for FBUS blocks . Resolved coder warnings.

KBA 18317 CURVES_3 Y values not increasing . Added incremental error checks for x and y table for this block.

KBA 18333 Loading tunables/tuning values on curve blocks does not save . Added code to override the incremental check when in iolock.

KBA 18334 .Compile warning: 'WGBOOLEAN *' incompatible pointer type 'int *' Resolved coder warnings

KBA 18461 Servlink TCP not connecting when WGSPL programmed . Changed wgspl code to use a different timer for calculating port expiration.

KBA 18468 A_CURVE3 block doesnt accept '-' or part #'s. Removed this restriction for A_CURVES3, A_CURVES2, CAL_CURVES3 and CAL_CURVES2 .

KBA 18504 X_TO_Y block doesn't work in simulation

KBA 18548 CAN_WRITE COS Timeout Help

KBA 18555 QUICKCONF Help file has broken Link

KBA 18569 CURVES_2 with 1 repeat . Added a coder exit if only one repeat. Fixed the template in micronet 1.01 to have a minimum of 2 repeats for this block.

KBA 18626 Exception from LL_VALUES connected to serial port exit Coder if connected to serial port

KBA 18276 AO_4_20_FLEX - Readback fault set, when demand change rapidly in slow RG

New Functions

Add LOGICAL_OR output on LATCH_AE and LATCH1

This version of the Coder / Template is dedicated to the FLEX_500 platform only. The Product Release Strategy has evolved so that other platforms such as MicroNet, 2301, and LECM each have their own dedicated Coder and Template versions. Common GAP blocks that all platforms use are included in this Coder / Template version. However, platform specific blocks from other platforms are not included.

This product does not support expansion RTN chassis or RTN_GATEWAY chassis. I/O could be expanded using LinkNetHT or RTCNet nodes.