Technical Announcement

Delta Electronics, Inc. IABG

Product	ASDA-A2-E	Applicable Model	ASD-A2-E	Security Classification	☑Unclassified ☐Confidential ☐Secret
				ECN No.	126A-189018
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Subject:

[Version information] Release information about the upgraded firmware for ASDA-A2-E series products.

➢ The upgraded version of the firmware for ASD-A2-E models is v1.651 sub408.

Precautions:

1. Firmware release

    1.1 Week of production for Taoyuan factory: T1852

    1.2 Week of production for Wujiang factory: W1851

Description:

1. New functions

    1.1 Support triggering the Quick Stop function with DI.PFQS (0x47).

    1.2 Object 60B8$_h$ supports the second set of Touch Probe function.

    1.3 Add parameter P3-19.A: you can switch the status of Object 6041$_h$ Bit 3 (Fault) with this parameter when PL or NL is reached.

        1.3.1 When you set P3-19.A to 0 and PL or NL is reached, Object 6041$_h$ Bit 3 (Fault) is off, and the servo drive is in Servo On status.

        1.3.2 When you set P3-19.A to 1 and PL or NL is reached, Object 6041$_h$ Bit 3 (Fault) is on, and the servo drive is in Servo Off status.

    1.4 Add parameter P1-98: you can set the detection mode and response time (ms) for the UVW disconnection detection.

    1.5 In CANopen mode, when P3-12.Z is set to 1, you can write and save the modified E-gear ratio to EEPROM with parameters P1-44 & P1-45 or Object 6093$_h$ (non-volatile).

2. Modified function

    2.1 Change the setting source for EtherCAT homing deceleration from P5-03.D to Object 609A$_h$.