[Notes]Security Key Management Tool

Outline

When using Security Key Management Tool, note the following points.

1. Secure Factory Programming Function User Program Encryption Notes

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1.1 Applicable Products

Security Key Management Tool V.1.05, V.106, V.1.07

1.2 Applicable Devices

RA Family

1.3 Details

RA Family some devices that support the Secure Factory Programming function have boot firmware that supports writing to external flash memory. However, Security Key Management Tool V.1.05, V.1.06, V.1.07 does not support encryption of images in the external flash memory area in the encryption function for using the Secure Factory Programming function.

When encrypting a file containing an image of an external flash memory area using Security Key Management Tool V.1.05, V.1.06, or V.1.07, the encryption completes without outputting an error, but the output file does not contain the encrypted external flash memory area.

1.4 Conditions

This problem occurs when a file containing an image of an external flash memory area is encrypted using the /encsfp command in the CLI version or the SFP tab in the Standalone or e²studio Plug-in versions.

1.5 Workaround

No workaround is available.

1.6 Schedule for Fixing the Problem

Encryption of external flash memory area will be supported in V.1.08. (Scheduled for Feb. 2025)

Revision History

Rev.	Date	Page	Summary
		Description	
1.00	Jan.20.25	-	First edition issued