

Director-General of Trade and Industry  
(Attn.: Classification Section, Strategic Trade Controls Branch)  
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**TRADE AND INDUSTRY DEPARTMENT**  
**CRYPTOGRAPHY QUESTIONNAIRE**  
**Classification of Encryption Products**  
**SC037 (2013/10)**  
**(Revised on 18 October 2013)**

(Please ✓ if appropriate)

**Part I – Product Information**

a) Name of the Brand Owner : \_\_\_\_\_

b) Brand : \_\_\_\_\_

c) Model Number / Part Number :

\_\_\_\_\_

(Remark : If more than one model number/part number are to be covered in this form, please list all relevant Model Numbers/Part Numbers in separate sheet(s).

d) Product Description(s) : \_\_\_\_\_

e) Product Application(s) : \_\_\_\_\_

f) Product Type : Integrated Circuits / Modules / Electronic Assemblies / Equipment  
/ Systems / Software / Others \_\_\_\_\_

g) Control Status in the Exporting Country (Place) : Controlled / Not Controlled

Export Control Information (if available) :

\_\_\_\_\_

(Example : ECCN and CCATS for US encryption products)

h) Origin : \_\_\_\_\_ *(Note: "Origin" of the goods may not necessarily be the manufacturing or exporting country/ place. For example, in general, goods will be regarded as of US origin if they are made of US-origin technology or software, irrespective of the country/ place of manufacturing.)*

i) Other Supplementary Information :

\_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

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(Please ✓ if appropriate)

**Part II – Questions (Answers to all questions are required)**

Q.1 Please advise whether the products as specified in Part I are designed or modified to use cryptography employing digital techniques performing cryptographic function ? ( Yes / No )  
If the answer is not affirmative, please go to Part III.

Q.2 Please complete Annex 1 (page 4) with details of the cryptographic function of the products as specified in Part I.

Q.3 Please advise whether the products as specified in Part I are:

- a) Items meeting all the Note 3(a) requirements as specified in Annex 2 (page 5). ( Yes / No )
- b) Hardware components of existing items meeting all the Note 3(b) requirements as specified Annex 2. ( Yes / No )

If the answer to Q.3(b) is affirmative, please quote example(s) for the existing items including brand, model and product descriptions.

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Q.4 Please advise whether the products as specified in Part I meet all of the following: ( Yes / No )

- a) The items are of potential interest to a wide range of individuals and businesses.
- b) The price and information about the main functionality of the items are available before purchase.

Q.5 Please advise whether the products as specified in Part I are items meeting all the Note 4 requirements as specified in Annex 2. ( Yes / No )

Q.6 Please advise whether ALL the cryptographic functions of the products as specified in Part I are ONLY used for authentication, digital signature or the execution of copy-protected software. ( Yes / No )

Note: If answer to any of the above questions Q.3, Q.4, Q5 or Q.6 is “YES”, relevant details and supporting information such as a letter from the Brand Owner may be required to confirm the fulfillment of the relevant criteria.

Q.7 For the products originated from US, are they subject to the control of US EAR 740.17(b)(2) or US EAR 740.17(b)(3)(iii) ? ( Yes / No )

If yes, please provide the relevant copy of Commodity Classification Automated Tracking System (CCATS) issued by the Bureau of Information and Security of the US Government.

Q.8 For software components, please advise whether these components are specially designed for the hardware components of existing items meeting all the Note 3 requirements as specified in Annex 2. ( Yes / No )

### Part III – Temperature Information

In case the products as specified in Part I are general purpose integrated circuits, please provide the following information.

1. Please advise whether these integrated circuits are used for civil automobile or railway train applications ? ( Yes / No )
2. Please provide the temperature rated for operation over the entire ambient temperature range from \_\_\_\_\_<sup>0</sup>C to \_\_\_\_\_<sup>0</sup>C.

### Part IV – Declarations

I declare that I am the **Brand Owner** of the products as specified in Part I and it is to the best of my knowledge and belief the information given above is true and correct.

Name of Signatory :

(in block letters)

Position of Signatory in the Company :

Name of Company :

*(Remark: name of company shall be consistent with the name of Brand Owner)*

Signature & Company Chop :

Company Phone Number:

Company Email Address :

Company Homepage :

Date :

Important Note :The data collected in this form will be kept in confidence. They may however be disclosed to other government departments, or to third parties in Hong Kong or elsewhere, if such disclosure is necessary to facilitate consideration of the related application, is in the interests of Hong Kong, is authorised or required by the law; or if explicit consent to such disclosure is given by the applicant/data subject.

The Director-General of Trade and Industry at all times reserves the right to request additional information and further documentary proof to substantiate the classification applications. Questionnaires that are not properly completed or not accompanied by all the necessary documentation will be deferred/rejected.

For other information concerning the handling of personal data by the Department, please refer to a relevant Note issued by the Department on the subject, copy of which is obtainable from the Strategic Trade Controls Branch on 5/F, Trade and Industry Department Tower, 700 Nathan Road, Kowloon, Hong Kong.

**Annex 1** (Please ✓ if appropriate)

Are the products designed or modified to use cryptography employing digital techniques performing the following cryptographic functions?

**YES / NO**

(1) A symmetric algorithm

If “yes”, please state the following:

- (i) Full name \_\_\_\_\_;
- (ii) Key length \_\_\_\_\_ bits;
- (iii) It is used for authentication only;
- (iv) It is used for digital signature only;
- (v) It is used for execution of copy-protected software only;
- (vi) It is used for encryption or decryption of data file (including image, voice or text etc.);
- (vii) Other application : \_\_\_\_\_.

(2) An asymmetric algorithm

If “yes”, please state the basis of the algorithm in the following parts:

(a) Factorisation of integers (e.g., RSA);

If “yes”, please state the following:

- (i) Full name \_\_\_\_\_;
- (ii) Key length \_\_\_\_\_ bits;
- (iii) It is used for authentication only;
- (iv) It is used for digital signature only;
- (v) It is used for execution of copy-protected software only;
- (vi) It is used for encryption or decryption of data file;
- (vii) Other application : \_\_\_\_\_.

(b) Computation of discrete logarithms in a multiplicative group of a finite field (e.g., Diffie-Hellman over  $\mathbb{Z}/p\mathbb{Z}$ );

If “yes”, please state the following:

- (i) Full name \_\_\_\_\_;
- (ii) Key length \_\_\_\_\_ bits;
- (iii) It is used for authentication only;
- (iv) It is used for digital signature only;
- (v) It is used for execution of copy-protected software only;
- (vi) It is used for encryption or decryption of data file;
- (vi) Other application : \_\_\_\_\_.

(c) Discrete logarithms in a group other than mentioned in (2)(b) above (e.g., Diffie-Hellman over an elliptic curve);

If “yes”, please state the following:

- (i) Full name \_\_\_\_\_;
- (ii) Key length \_\_\_\_\_ bits;
- (iii) It is used for authentication only;
- (iv) It is used for digital signature only;
- (v) It is used for execution of copy-protected software only;
- (vi) It is used for encryption or decryption of data file;
- (vi) Other application : \_\_\_\_\_.

(3) Others (Please use separate sheet if required.)

Please state the details of other cryptographic functions together with their key length in bits, and describe how the algorithms are used.

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## **Annex 2**

### **Part 2 “Information Security” of Category 5 “Telecommunications and Information Security” of the Import and Export (Strategic Commodities) Regulations, Chapter 60G**

#### **Note 3**

- (a) Items meeting all of the following:
  - (1) Generally available to the public by being sold, without restriction, from stock at retail selling points by means of any of the following:
    - (a) Over-the-counter transactions;
    - (b) Mail order transactions;
    - (c) Electronic transactions;
    - (d) Telephone call transactions;
  - (2) The cryptographic functionality cannot easily be changed by the user;
  - (3) Designed for installation by the user without further substantial support by the supplier; and
  - (4) When necessary, details of the items are accessible and will be provided, upon request, to the appropriate authority in the exporter's country in order to ascertain compliance with conditions described in paragraphs (a)(1), (2) and (3) above;
- (b) Hardware components of existing items described in paragraph (a) of this Note, that have been designed for these existing items, meeting all of the following:
  - (1) Information security is not the primary function or set of functions of the component;
  - (2) The component does not change any cryptographic functionality of the existing items, or add new cryptographic functionality to the existing items;
  - (3) The feature set of the component is fixed and is not designed or modified to customer specification; and
  - (4) When necessary as determined by the appropriate authority in the exporter's country, details of the component and relevant end-items are accessible and will be provided to the authority upon request, in order to ascertain compliance with conditions described in paragraph (b)(1), (2) and (3).

#### **Note 4**

- (a) The primary function or set of functions is not any of the following:
  - (1) Information security;
  - (2) A computer, including operating systems, parts and components of the computer;
  - (3) Sending, receiving or storing information (except in support of entertainment, mass commercial broadcasts, digital rights management or medical records management);
  - (4) Networking (includes operation, administration, management and provisioning);
- (b) The cryptographic functionality is limited to supporting their primary function or set of functions;
- (c) When necessary, details of the items are accessible and will be provided, upon request, to the appropriate authority in the exporter's country in order to ascertain compliance with conditions described in paragraphs (a) and (b) above.