Export Control Classification
for Embedded Artists products

Embedded Artists

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1 Document Revision History

Revision	Date	Description
A	2019-04-08	First release
B	2019-11-25	Updated with official Case Numbers from Commerce Bureau of Industry and Security.
PC1	2021-07-27	Added CCATS application numbers for new products.
PC2	2021-09-13	Added CCATS application numbers for new products.
C	2021-10-13	Added CCATS application numbers for new products.
D	2022-04-01	M.2 modules self-classified to 5A992.c according to the October 3rd rule.
E	2022-08-24	Added several M.2 boards.
F	2022-09-07	Added official BIS Case Number for iMX8M Nano.
G	2022-11-16	Added official BIS Case Number for 1YN and 2AE M.2 modules.
H	2023-02-14	Corrected *Export Exception* for self-classified items.
I	2023-03-26	Added new product numbers.
J	2023-04-21	Added official BIS Case Number for 1YM, 1XA, 1ZM M.2 modules as well as iMX RT1064 uCOM and iMX RT1176 uCOM.
K	2023-05-11	Added official BIS Case Number for 1XK and 2DS M.2 modules.
L	2023-05-26	Added iMX93 uCOM and Developer's Kit and 2DL M.2 module.
M	2023-11-22	Official BIS Case Number for iMX93 uCOM and Developer's Kit

2 Introduction

During export of a product from one country or trade zone to another country or trade zone the product must be classified. One purpose for the classification is for the customs office to calculate duty rates for the product. Another purpose for the classification is for trade limitations that might exist because of different regulations.

This document contains a list with classifications of some of Embedded Artists products. The classifications are based on unmodified products as delivered by Embedded Artists.

> **Note**: Embedded Artists makes no representation or warranty as to the accuracy or reliability of the classifications in this document. Any entity exporting or importing an Embedded Artists product is responsible for ensuring the accuracy of the classification and must comply with any export regulations in your country.

2.1 Dual-use

Dual-use items are products that can be used both for civilian and military purposes. These kinds of items usually have some kind of restriction when it comes to export and might require an export license.

2.2 Export Control Classification Number (ECCN)

An ECCN is an alphanumeric code used on the Commerce Control List (CCL) to identify dual-use items for export control purposes. ECCNs are issued by the Unites States Department of Commerce, Bureau of Industry and Security (BIS).

2.3 Harmonized System (HS)

HS is an internationally standardized system of numbers to classify traded products. The numbers are frequently used by customs authorities to determine duty and tax rates when products are exported and imported.

2.4 Links to additional resources

- Export Control Classification Number (ECCN)
  https://www.bis.doc.gov/index.php/licensing/commerce-control-list-classification/export-control-classification-number-eccn

- Schedule B number
  https://help.cbp.gov/app/answers/detail/a_id/236/~/schedule-b-number-%2F-export-number

- Harmonized Tariff Schedule (U.S. Trade Commission)
  https://hts.usitc.gov/

- TARIC, the integrated Tariff of the European Union
  https://ec.europa.eu/taxation_customs/business/calculation-customs-duties/what-is-common-customs-tariff/taric_en

- Council Regulation (EC) No 428/2009 – Community regime for the control of exports, brokering and transit of dual-use items.
  http://eur-lex.europa.eu/legal-content/EN/TXT/?qid=1489490204085&uri=CELEX:02009R0428-20161116

- Correlation list between TARIC and Dual-use Annex
  http://trade.ec.europa.eu/doclib/html/155445.htm

3 Classification codes

3.1 COM Boards

Part number	Product	ECCN	Case Number	Export Exception	HS
EAC00250 EAC00257	iMX6 Quad COM board	5A992.c	G181458	Note 3 (Mass Market). Auth for export and re-export under section 740.17(B)(3)	8471.50
EAC00261 EAC00262	iMX6 DualLite COM Board	5A992.c	G181474	Note 3 (Mass Market). Auth for export and re-export under section 740.17(B)(3)	8471.50
EAC00244 EAC00256 EAC00433	iMX6 SoloX COM Board	5A992.c	G181457	Note 3 (Mass Market). Auth for export and re-export under section 740.17(B)(3)	8471.50
EAC00252 EAC00275 EAC00325	iMX6 UltraLite COM Board	5A992.c	G181459	Note 3 (Mass Market). Auth for export and re-export under section 740.17(B)(3)	8471.50
EAC00274 EAC00276 EAC00417	iMX7 Dual COM Board	5A992.c	G181472	Note 3 (Mass Market). Auth for export and re-export under section 740.17(B)(3)	8471.50
EAC00266 EAC00267	iMX7 Dual uCOM Board	5A992.c	G181472	Note 3 (Mass Market). Auth for export and re-export under section 740.17(B)(3)	8471.50
EAC00345 EAC00352	iMX7ULP uCOM	5A992.c	G181470	Note 3 (Mass Market). Auth for export and re-export under section 740.17(B)(3)	8471.50
EAC00333	iMX8M Quad COM	5A992.c	G181516	Note 3 (Mass Market). Auth for export and re-export under section 740.17(B)(3)	8471.50
EAC00336 EAC00349 EAC00432 EAC00437	iMX8M Mini uCOM	5A992.c	G181475	Note 3 (Mass Market). Auth for export and re-export under section 740.17(B)(3)	8471.50
EAC00357 EAC00358 EAC00434	iMX8M Nano uCOM	5A992.c	G183208	Note 3 (Mass Market). Auth for export and re-export under section 740.17(B)(3)	8471.50
EAC00375	iMX RT1064 uCOM	5A992.c	G186909	Note 3 (Mass Market). Auth for export and re-export under section 740.17(B)(3)	8471.50
EAC00377 EAC00381	iMX RT1176 uCOM	5A992.c	G186908	Note 3 (Mass Market). Auth for export and re-export under section 740.17(B)(3)	8471.50
EAC00480 EAC00462	iMX93 uCOM	5A992.c	G193766	Note 3 (Mass Market). Auth for export and re-export under section 740.17(B)(3)	8471.50

EAK00251 EAK00332	iMX6 Quad Developer's Kit	5A002.a	G181458	ENC under sections 740.17 (A) and (B)(3)	8471.50
EAK00263 EAK00342	iMX6 DualLite Developer's Kit	5A002.a	G181474	ENC under sections 740.17 (A) and (B)(3)	8471.50
EAK00245 EAK00331	iMX6 SoloX Developer's Kit	5A002.a	G181457	ENC under sections 740.17 (A) and (B)(3)	8471.50
EAK00253 EAK00343	iMX6 UltraLite Developer's Kit	5A002.a	G181459	ENC under sections 740.17 (A) and (B)(3)	8471.50
EAK00273 EAK00329	iMX7 Dual Developer's Kit	5A002.a	G181472	ENC under sections 740.17 (A) and (B)(3)	8471.50
EAK00268 EAK00344	iMX7 Dual uCOM Developer's Kit	5A002.a	G181472	ENC under sections 740.17 (A) and (B)(3)	8471.50
EAK00346	iMX7ULP uCOM Developer's Kit	5A002.a	G181470	ENC under sections 740.17 (A) and (B)(3)	8471.50
EAK00330	iMX8M Developer's Kit	5A002.a	G181516	ENC under sections 740.17 (A) and (B)(3)	8471.50
EAK00347 EAK00393	iMX8M Mini Developer's Kit V2/V3	5A002.a	G181475	ENC under sections 740.17 (A) and (B)(3)	8471.50
EAK00360 EAK00394	iMX8M Nano Developer's Kit V2/V3	5A992.c	G183208	ENC under sections 740.17 (A) and (B)(3)	8471.50
EAK00378	iMX RT1064 Developer's Kit	5A992.c	G186909	Note 3 (Mass Market). Authorized for export and re-export under section 740.17(B)(1)	8471.50
EAK00380	iMX RT1176 Developer's Kit	5A992.c	G186908	Note 3 (Mass Market). Authorized for export and re-export under section 740.17(B)(1)	8471.50
EAK00471	iMX93 Developer's Kit	5A992.c	G193766	Note 3 (Mass Market). Authorized for export and re-export under section 740.17(B)(1)	8471.50

3.2   OEM Boards

Part number	Product	ECCN	Case Number	Export Exception	HS
EA-OEM-009	LPC1788 OEM Board	EAR99			8471.50
EA-OEM-010	LPC4088 OEM Board	EAR99			8471.50
EA-OEM-011	LPC4357 OEM	EAR99			8471.50

	Board				
EAC00295 EAC00306	iMX RT1052 OEM Board	5A992.c	G181473	Note 3 (Mass Market). Authorized for export and re-export under section 740.17(B)(1)	8471.50
EAC00308 EAC00309 EAC00428	iMX RT1062 OEM Board	5A002.a	G181473	ENC under sections 740.17 (A) and (B)(3)	8471.50
EA-OEM-202	LPC2478 OEM Board	EAR99			8471.50
EA-OEM-401	LPC3250 OEM Board	EAR99			8471.50

EA-OEM-509	LPC1788 Developer's Kit	EAR99			8471.50
EA-OEM-510	LPC4088 Developer's Kit	EAR99			8471.50
EA-OEM-511	LPC4357 Developer's Kit	EAR99			8471.50
EAK00296	iMX RT1052 Developer's Kit	5A002.a	G181473	ENC under sections 740.17 (A) and (B)(3)	8471.50
EAK00310	iMX RT1062 Developer's Kit	5A002.a	G181473	ENC under sections 740.17 (A) and (B)(3)	8471.50
EA-OEM-411	LPC3250 Developer's Kit	EAR99			8471.50

3.3   M.2 Modules

Part number	Product	ECCN	Case number	Export Exception	HS
EAR00315 EAR00316 EAR00317	1MW M.2 Module	5A002.a	G181496	ENC under sections 740.17 (A) and (B)(3)	8517.62
EAR00318 EAR00319 EAR00320	1DX M.2 Module	5A002.a	G181497	ENC under sections 740.17 (A) and (B)(3)	8517.62
EAR00321 EAR00322	1CX M.2 Module	5A002.a	G181499	ENC under sections 740.17 (A) and (B)(3)	8517.62
EAR00323 EAR00324	1LV M.2 Module	5A002.a	G181476	ENC under sections 740.17 (A) and (B)(3)	8517.62
EAR00370 EAR00439 EAR00440 EAR00441	1YM M.2 Module	5A992.c	G186905	Note 3 (Mass Market). Authorized for export and re-export under section 740.17(B)(1))	8517.62

EAR00373 EAR00416	1XA M.2 Module	5A992.c	G186907	Note 3 (Mass Market). Authorized for export and re-export under section 740.17(B)(1))	8517.62
EAR00364 EAR00442 EAR00465	1ZM M.2 Module	5A992.c	G186904	Note 3 (Mass Market). Authorized for export and re-export under section 740.17(B)(1))	8517.62
EAR00385 EAR00443 EAR00466	1XK M.2 Module	5A992.c	G188678	Note 3 (Mass Market). Authorized for export and re-export under section 740.17(B)(1))	8517.62
EAR00386	2DS M.2 Module	5A992.c	G188679	Note 3 (Mass Market). Authorized for export and re-export under section 740.17(B)(1))	8517.62
EAR00387 EAR00418 EAR00419 EAR00444	1XL M.2 Module	5A992.c	Self-classified. See section 3.6 below.	Note 3 (Mass Market). Authorized for export and re-export under section 740.17(B)(1))	8517.62
EAR00388	2AE M.2 Module	5A992.c	G188948	Note 3 (Mass Market). Authorized for export and re-export under section 740.17(B)(1))	8517.62
EAR00436	2BC M.2 Module	5A992.c	G188948	Note 3 (Mass Market). Authorized for export and re-export under section 740.17(B)(1))	8517.62
EAR00389	1YN M.2 Module	5A992.c	G188947	Note 3 (Mass Market). Authorized for export and re-export under section 740.17(B)(1))	8517.62
EAR00409 EAR00463 EAR00464	2EL M.2 Module	5A992.c	Self-classified. See section 3.6 below.	Note 3 (Mass Market). Authorized for export and re-export under section 740.17(B)(1))	8517.62
EAR00411 EAR00447 EAR00449 EAR00450	2XS M.2 Module	5A992.c	Self-classified. See section 3.6 below.	Note 3 (Mass Market). Authorized for export and re-export under section	8517.62

				740.17(B)(1))	
EAR00413	2EA M.2 Module	5A992.c	Self-classified. See section 3.6 below.	Note 3 (Mass Market). Authorized for export and re-export under section 740.17(B)(1))	8517.62
EAR00414	2BZ M.2 Module	5A992.c	Self-classified. See section 3.6 below.	Note 3 (Mass Market). Authorized for export and re-export under section 740.17(B)(1))	8517.62
EAR00422	2DL M.2 Module	5A992.c	Self-classified. See section 3.6 below.	Note 3 (Mass Market). Authorized for export and re-export under section 740.17(B)(1))	8517.62

3.4   ECCN description

ECCN	*Description*
EAR99	These products may be exported without license

3.5   CCATS Application

If a CCATS number is not received within 30 days from application you may export, reexport, or transfer (in-country) under the applicable provisions of License Exception ENC.

See page 55, section "(2) Action by BIS" here:
https://bis.doc.gov/index.php/documents/regulations-docs/2341-740-2/file

3.6   October 3rd Rule – Short range wireless items

According to the October 3rd Rule items may self-classify under 5A002 or 5A992 when it is a short-range (maximum 100 meters nominal range) wireless item not controlled under Category 5 paragraph 740.17(b)(4)(i) and 742.15(b)(3)(ii).

See page 9:
https://www.bis.doc.gov/index.php/documents/compliance-training/export-administration-regulations-training/380-encryption-rule-simplification-pdf/file

4 Legal note

The information and classifications in this document is not to be considered as a source of legal advice. It is only available for informational purposes and can be changed without notice. The information is used at your own risk and you are encouraged to seek legal counsel for advice in the case where you need to classify a product before export.

Rev M

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