

**Commodity Classification**  
**Case Number: Z1801381**  
**Date of Completion:**  
**March 6, 2024**



**UNITED STATES DEPARTMENT OF COMMERCE**  
**BUREAU OF INDUSTRY AND SECURITY**  
**WASHINGTON, D.C. 20230**

ReFLEX CES  
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G194914

THE FOLLOWING INFORMATION IS IN RESPONSE TO YOUR INQUIRY OF October 9, 2023 REQUESTING COMMODITY CLASSIFICATION(S) FOR:

COMMODITY	ECCN	SUBPARAGRAPH
Product: Ares Agilex 7 FPGA SoC F-Series System-on-Module The ARES module : The ARES System-on-Module is based on the Agilex F-series 012 FPGA from INTEL, reference AGFB012R24C2I2V. This module is a high density and powerful digital brick, intended to be installed on a custom carrier board to fit the final application. The resources of the FPGA are accessible through bottom and top connectors and can be used for a large range of interfaces and feature, thanks to the flexibility of the FPGA. Three DDR4 banks are available on board for a total of 24 Gbytes. In a 107x85 mm form factor, this industrial grade temperature board is also rugged for shocks and vibration. The product has been designed for the following applications : High Precision Measurement Artificial Intelligence Radar Systems Software Defined Radio Ares Module	5A002	A

COMMENTS FROM LICENSING OFFICER(S):

ITEM #1:  
THIS ENCRYPTION ITEM IS AUTHORIZED FOR LICENSE EXCEPTION ENC UNDER SECTIONS 740.17 (A) AND (B)(3) OF THE EXPORT ADMINISTRATION REGULATIONS (EAR).

AARON AMUNDSON  
DIVISION DIRECTOR

FOR INFORMATION CONCERNING  
THIS CLASSIFICATION CONTACT  
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