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

ReFLEX CES
ATTN: Nicolas Forest   G185069
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THE FOLLOWING INFORMATION IS IN RESPONSE TO YOUR INQUIRY OF September 11, 2020 REQUESTING COMMODITY CLASSIFICATION(S) FOR:

COMMODITY	ECCN	SUBPARAGRAPH
Product: Zeus Zynq UltraScale+ MPSoC System-On-Module. The Zeus System-on-Module is based on the Zynq UltraScale+ MPSoC FPGA from Xilinx, reference XCZU11EG-1FFVC1760I. 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 16 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 Zeus module	3A991	a

COMMENTS FROM LICENSING OFFICER(S):

ITEM #1:
This commodity is classified as 3A991.a and is controlled for AT1 reasons. Refer to section 742 and 744.17 of the EAR for licensing requirements. In addition, be aware that items otherwise eligible for export without a license may require a license if the exporter knows or is informed that this commodity will be used in the design development, production or use of nuclear, chemical, biological weapons, or ballistic missiles.

FOR INFORMATION CONCERNING
THIS CLASSIFICATION CONTACT
BRIAN BAKER

BRIAN BAKER   PHONE #: 202-482-5534
DIVISION DIRECTOR   BIS/EA/STC/EL