

Commodity Classification
Case Number: Z1573624
Date of Completion:
December 7, 2018



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

ReFLEX CES
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THE FOLLOWING INFORMATION IS IN RESPONSE TO YOUR INQUIRY OF May 23, 2018 REQUESTING COMMODITY CLASSIFICATION(S) FOR:

COMMODITY	ECCN	SUBPARAGRAPH
The XpressGXS10 is a standard height PCIe form factor board of length, designed to provide networking solutions and data/storage centers markets. It is also designed for acceleration and low latency applications thanks to several components as QSFP28 connectors and independent banks, on board DDR4 interfaces and QDR-II+ interfaces, allowing an important capacity of memory. This board can be used for cloud Computing, high performance computing, broadcast and video or security applications. The XpressGXS10 board uses an Intel Stratix 10 GX 2800 KLE FPGA which allows users to design complex applications using for example PCI Express, FPGA, and QSFP28 as communication interfaces engineered for both prototyping and field deployment. This board is based on the FPGA Stratix 10 GX with a maximum data rate: For L-Tile Transceivers (chip-to-chip 17.4 Gbps, backplane 12.5 Gbps). For H-Tile Transceivers (chip-to-chip 28 Gbps, backplane 12.5 Gbps). The XpressGXS10 board includes: 2x QSFP28 connectors allowing 10Gb/40Gb/100Gb Ethernet. 1x PCIe Gen 3 x16 1x Si5341 Clocks generator 2x Banks of DDR4 memories 2x Banks of QDR-II+ memories 2x Extension interfaces 1x Ethernet FPGA connector 1x DDR4 DIMM extension XpressGXS10-FH200G	EAR99	

COMMENTS FROM LICENSING OFFICER(S):

AARON AMUNDSON
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FOR INFORMATION CONCERNING
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