

AVS-3020

Radio Interface Machine Learning Module

Applications:

Machine Learning

Cyber Security

Signal Processing

Autonomous Sensor



Features

NVIDIA Jetson TX2 System on a Module Featuring

GPU: NVIDIA Pascal 256 Cuda Cores

CPU: HMP Dual Denver 2/2 MB L2 + Quad ARM® A57/2 MB L2

Memory: 8 GB 128 bit LPDDR4 59.7 GB/s

Xilinx Kintex XC7K410T FPGA

PCIe X4 Gen II Connection From FPGA to TX2 Module 5T transfers/sec

1 GB DDR3 – 1600 Memory on FPGA

2 SFP+ Cages for 10 GbE

1 Gbps Ethernet Port

USB 3.0, USB 2.0, HDMI, SD Card and UART Interface

Optional Support for SATA M.2 SSD

Power: 40 Watts Max Input Voltage: 9 to 48 Volts

Chassis: 3.5"W X 8"L X 1.6"H

Email: info@avidsystems.com



Signal Processing & Communications Systems



Signal Processing & Communications Systems

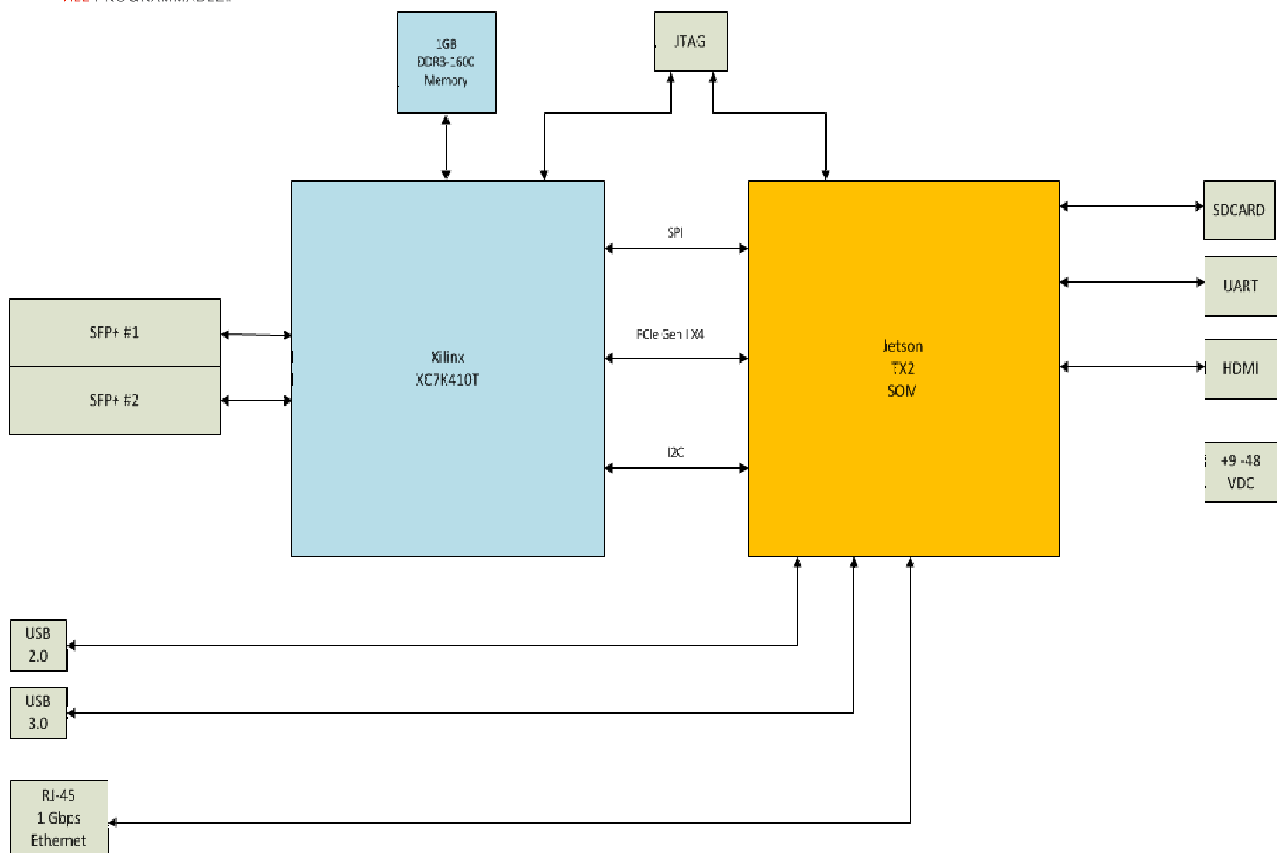
Power By:



NVIDIA



Block Diagram



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