



## Product Overview

This document provides information regarding the AVT-ONIX-FMC-IPASS-8X module. The module is VITA 57.1 compliant single width HPC FMC, designed for use with ONIX modules or various VITA 57.1 compliant carrier cards.

## Block Diagram

The AVT-ONIX-FMC-IPASS-8X board block diagram shown in Figure 1.

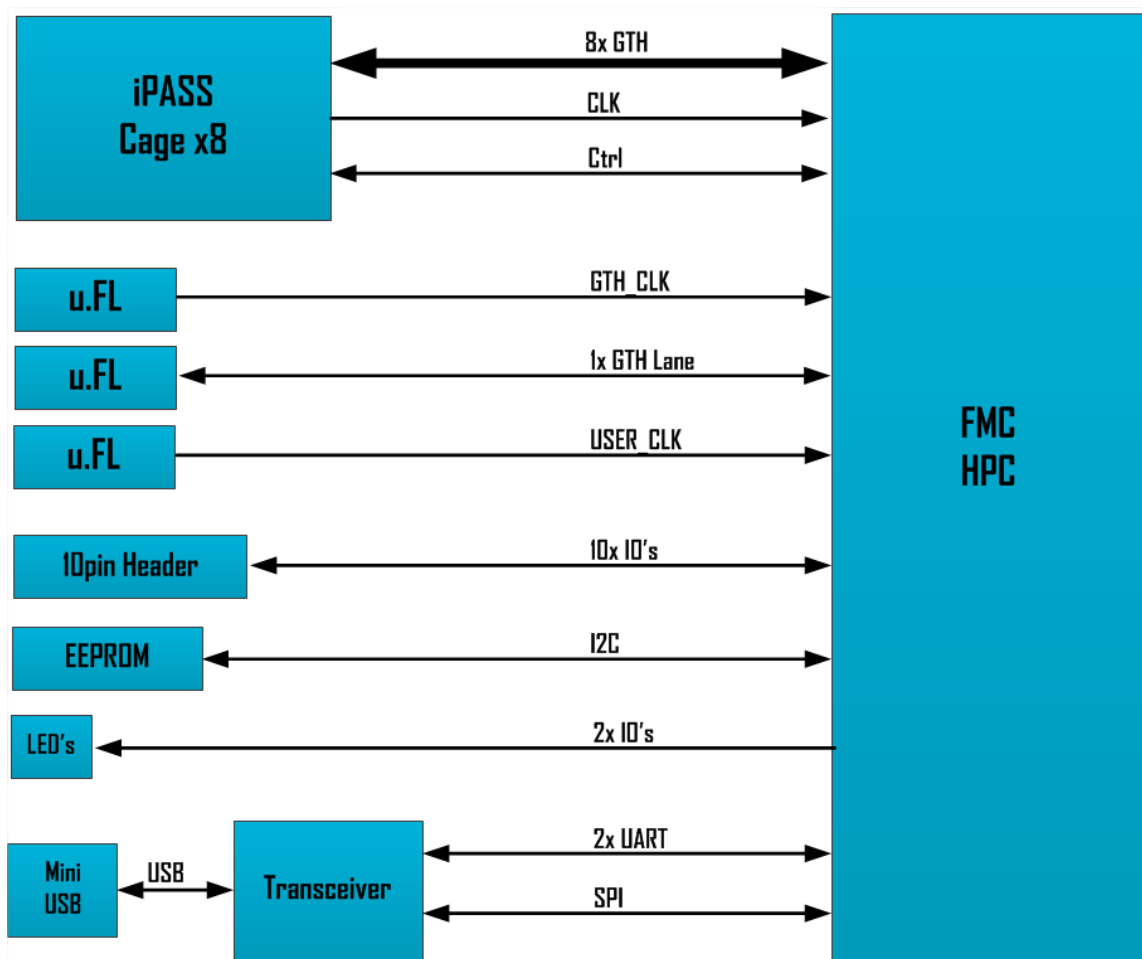


Figure 1 - AVT-ONIX-FMC-IPASS-8X Block Diagram

# AVT-ONIX-FMC-IPASS-8X

## Main Features

- VITA 57.1 HPC FMC connector
- 8 x lanes up to 14Gbps for iPASS interface (compliant with various signaling standards)
- 2 x u.FL connector for GTH clock
- 4 x u.FL connector for GTH lane (TX and RX)
- 2 x u.FL connector for User clock
- 10 pin Header for User
- Front Panel LEDs
- 2 x UART interface (via Transceiver)
- 1 x SPI interface (via Transceiver)
- On board clock oscillator for GTH ref clock (optional)

## Ordering Information

### Parts

Part Number	Description	Price
AVT-ONIX-FMC-IPASS-8X-G	FMC to IPASS 8x Lanes	Contact ONIX

### Related Products

Part Number	Description	Price
AVT-ONIX-VU440-1	ONIX Module XCVU440 -1 Device	Contact ONIX
AVT-ONIX-VU440-2	ONIX Module XCVU440 -2 Device	Contact ONIX
AVT-ONIX-PCIE-IPASS-8X-G	PCI Express to IPASS 8x module	Contact ONIX
AVT-ONIX-KIT-IPASS-8X-G	PCI Express over Cable	Contact ONIX