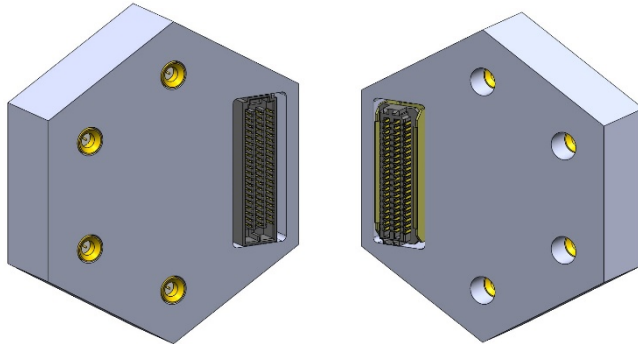


Block Diagram



Features

- 20-40GHz Dual Up/DWN Converter
- Support 2x2 MIMO transceiver
- Designed for Fast Frequency Hopping
- On board ultra-stable Synthesizer

Description

AS-00119-A is a state of the art dual (2xRX, 2xTX) frequency converter covering 20-40GHz.

The AS-00119-A is equipped with two ultra-stable Synthesizer which can support the most demanding applications. The AS-00117-A support frequency hopping applications both in RX and TX.

The AS-00117-A is equipped with a preselector tunable filter both in the RX and TX paths for an enhanced interference resilience in RX and extra cleanness in TX.

Module Specifications

Parameter	Typ.	Unit
RF Operating Frequencies	20 ÷ 40	GHz
MIMO Support	2 RX x 2 TX	
RF I/O Interfaces	8 x SMP	
Data / Power Input Interface	SAMTEC SEAM 120pin	
Data / Power Output Interface	SAMTEC SEAF 120pin	
Synthesizer	Dual, Internal	
Dimensions	7 x 7 x 1,5 (L x W x H)	cm