## Value Proposition
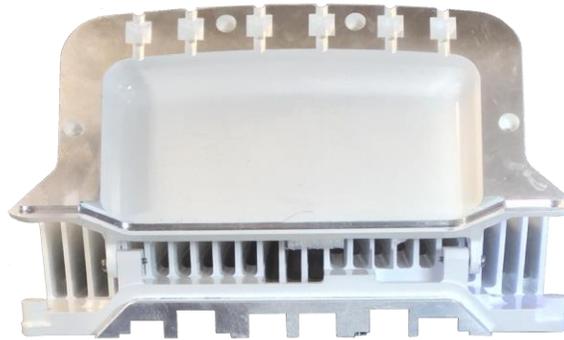
- Full product kit for E-band point-to-point links
- Enables cost effective links
- Fast TTM
- No expensive test equipment to buy
- No expensive development costs
- Fully tested modules for easy assembly

## Applications

- E-band wireless communications
- LTE, WiMAX and HSDPA+ wireless backhaul
- Small-cell backhaul
- Private networks and campus connectivity
- Fiber extensions and replacements
- High definition video surveillance and monitoring
- Triple-play (voice, data and video) transmission
- Government and campus building interconnection
- Critical infrastructure protection



## Kit includes:

- 2.5 Gbps all digital modem
- 10 Gbps modem upgrade available in Spring 2016
- Fully tested RF Module
- Housing fabrication drawings
- Embedded switch including IEEE1588v2 and SyncE
- Full software stack
- Suitable to be interfaced to antenna
- Imbedded PoE+ function

## All-Digital Modem Module and RF Features:

High data throughput to 2.5 Gbps full duplex

Gigabit Ethernet customer interfaces (copper and optical)

Upgrade to 10 Gbps available

Configurable QPSK thru 256QAM modulation with Adaptive Coding and Modulation (ACM)

Configurable FEC and fully synthesized transmit waveform

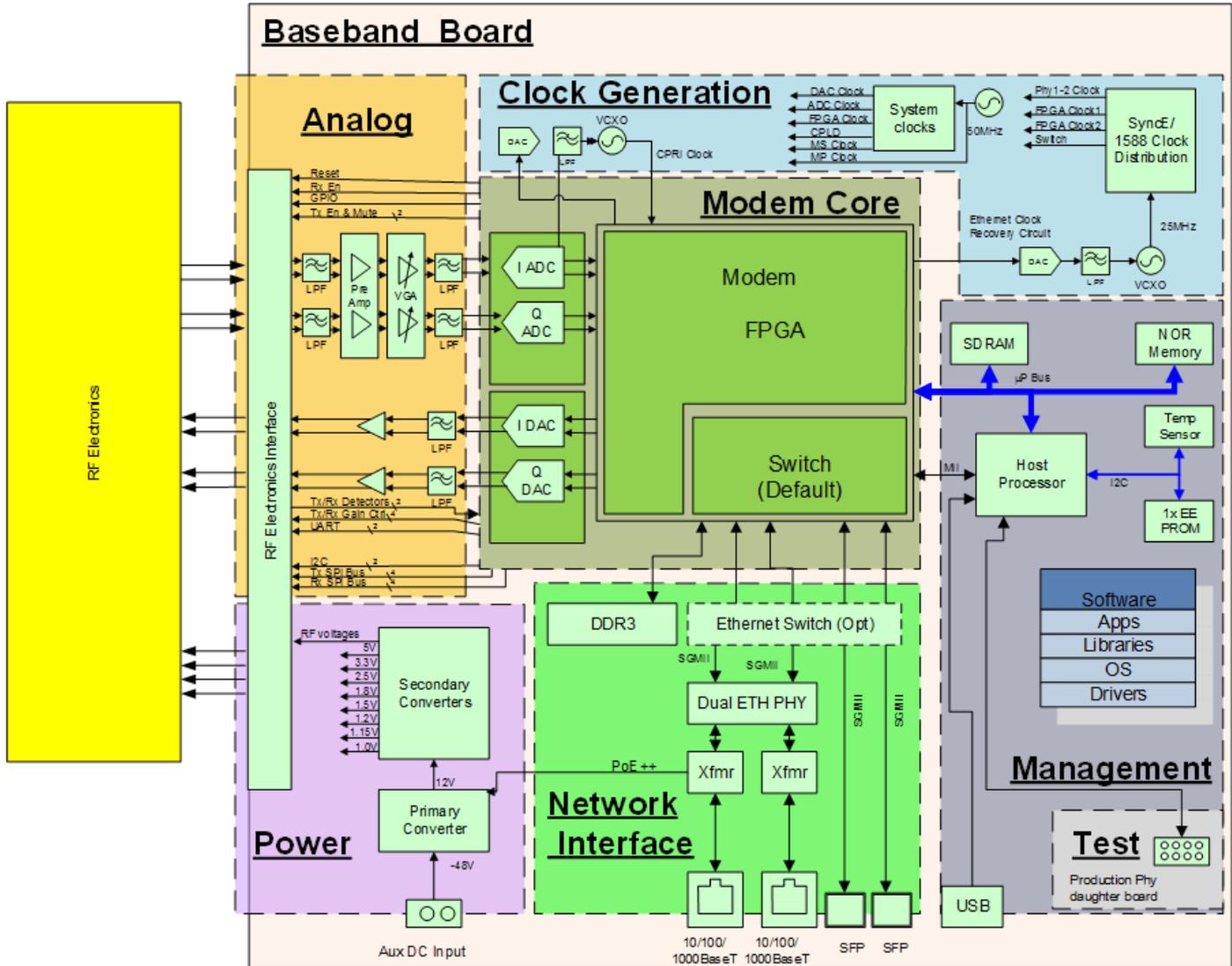Fully tested RF Module with output power up to 24 dBm

Layer-2 switch supporting
- In-band terminal management
- Ethernet flow control
- Jumbo frames
- IEEE 1588v2 and Sync-E

HTTP web GUI, telnet and SNMP for network management and control

Enclosure design suitable for outdoor mounting

## *Functional Block Diagram*