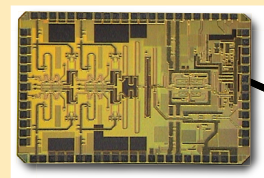


Product Capabilities

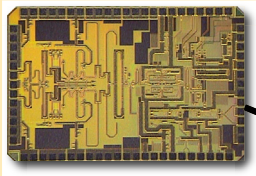
Microwave & Millimeter-wave Products and Capabilities

High performance, highly-integrated subsystems are enabled through:

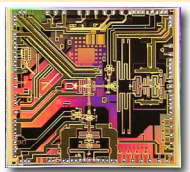
- Diverse micro- & millimeter-wave IC design capability & deep SiGe IP reservoir
- Vertically integrated system design & manufacturing capability & experience
- Advanced IC & module interconnect & packaging strategies



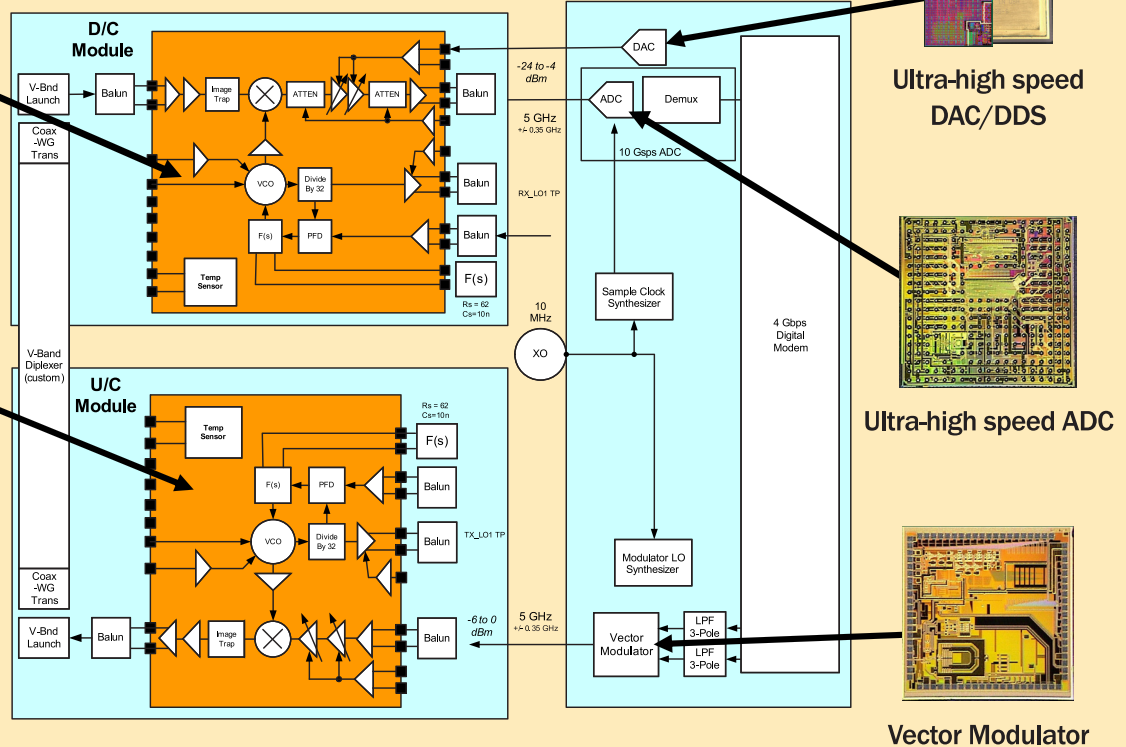
60GHz Integrated RX with PLL



60GHz Integrated TX with PLL



37GHz Transceiver IC



Millimeter-wave Datalink Example

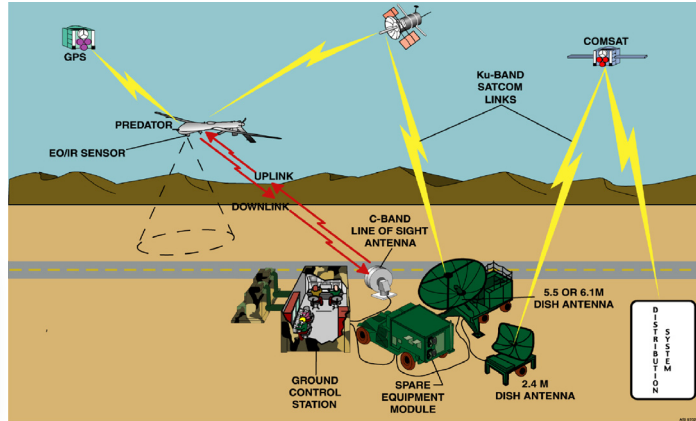
Sierra Monolithics Inc. is now part of Semtech Incorporated. For more information, please e-mail: mwsales@semtech.com

Product Capabilities

High Reliability RFIC & Module Products Serve Multiple Air and Ground Missions



SMP1000
• Single Band Location
ID Transponder



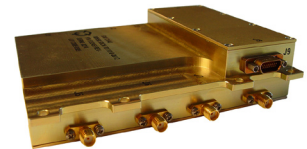
SMICID37GX
• 37GHz
BTID/CID
Transceiver



SMP1000T
• Dual Band Transponder
Field Tester

Supporting Real Time Communications Across the Battlefield

- Location & Combat ID
- EW
- Advanced Digital Radar
- Satcom Up/Down Converters



CVAD
• Radar Warning Receiver
for ALQ 67



SMIVT5GTX & RX
• C & Ku Band Tx/Rx UAV
Video/Data link



SMP2000
• Dual Band Location
ID Transponder

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