



NO CONTENT ON THE ATTACHED DOCUMENT HAS CHANGED



THIS PAGE INTENTIONALLY LEFT BLANK

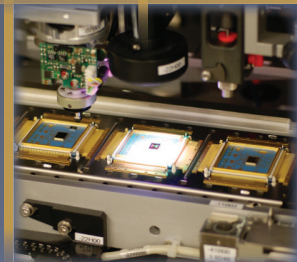
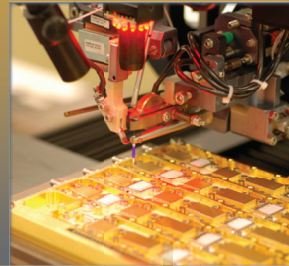
MILITARY MANUFACTURING

Standard & Custom Products, DC to 110 GHz!

Analog, Digital & Mixed-Signal ICs, Modules, Subsystems & Instrumentation

Facilities, Manufacturing & Test

- ◆ ISO 9001:2008 & AS9100:2009
- ◆ Class 100 Environment for S-Level Products
- ◆ Automatic Hybrid Assembly Equipment:
Die Inspect/Pick, Die/Substrate Attach &
Wire Bond
- ◆ IR Reflow Equipment for PCB Based
Assemblies
- ◆ Automated Digital Product Test to 40 Gbps
- ◆ Automated RF, Microwave &
Millimeterwave Product Test to 110 GHz



High Reliability Screening & Tests

- ◆ Wafer Lot Acceptance Test (WLAT)
Bond Pull & Die Shear
SEM Inspection
Metal & Dielectric Thickness Meas.
- ◆ Temperature Cycle
- ◆ Constant Acceleration
- ◆ High Temp Burn-In
- ◆ Visual Inspection
- ◆ Vibration
- ◆ Fine & Gross Hermeticity
- ◆ Radiographic Inspection
- ◆ Particle Impact Noise Detection
- ◆ Residual Gas Analysis
- ◆ ESD Characterization
- ◆ Serialized Test Data
- ◆ Qualification Report

Hittite Delivers Qualified Solutions to Meet Your Specific Requirements!



CONTACT Us: mil@hittite.com

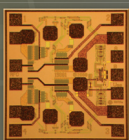
2 Elizabeth Drive • Chelmsford, MA 01824
978-250-3343 tel • 978-250-3373 fax • sales@hittite.com

Visit Us: www.hittite.com
Receive the latest product releases - click on "My Subscription"

MILITARY PRODUCTS

Military Qualified Components, Modules & Subsystems!

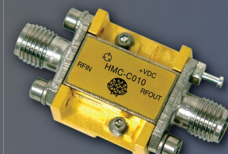
Analog, Digital & Mixed-Signal ICs, Modules, Subsystems & Instrumentation



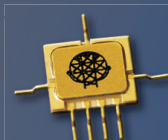
Chip (Die)



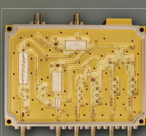
Dielectric Resonator Oscillator



Hermetic Modules



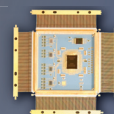
Hermetic SMT Package



Clock Generator



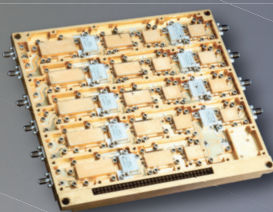
Integrated Sub-Assembly



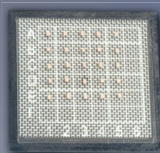
FPGA



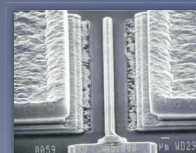
Switched Filter Bank



Multi-Channel Downconverter



Serialized Die in GEL-PAK



FET Channel SEM

Hittite Provides Proven Technical Solutions for Military Applications!

- ◆ Vertical Integration with In-House MMIC & Module Design and Manufacturing
- ◆ Rapid Prototyping Capability Reduces Technical & Schedule Risks
- ◆ Custom IC Development Enables Advanced Performance with Miniature Size
- ◆ IC Manufacturing Infrastructure Provides Benefits in Controlling Performance, Quality, Schedule, Obsolescence, Packaging & Design Optimization
- ◆ Demonstrated Track Record of Industry Leadership and Key Supplier to the World's Most Trusted Defense System Integrators

World-Class IC, Module, and Subsystem Design and Manufacturing Solutions!



CONTACT Us: mil@hittite.com

2 Elizabeth Drive • Chelmsford, MA 01824
978-250-3343 tel • 978-250-3373 fax • sales@hittite.com

Visit Us: www.hittite.com
Receive the latest product releases - click on "My Subscription"

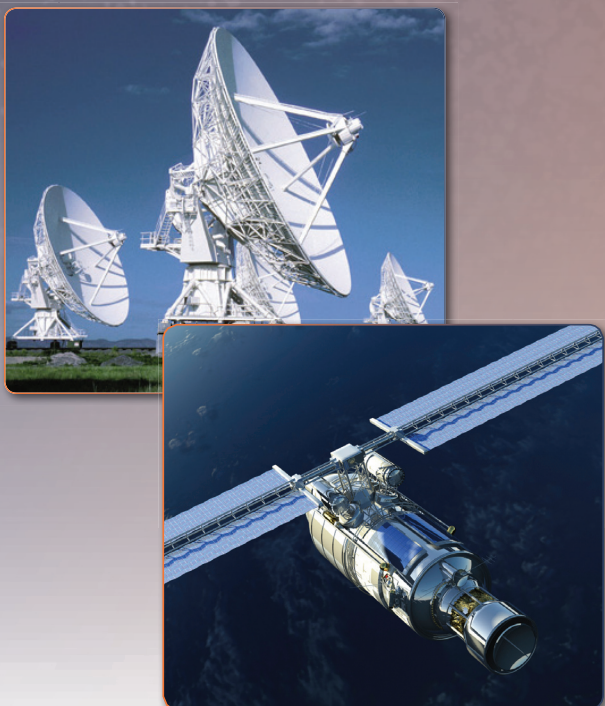
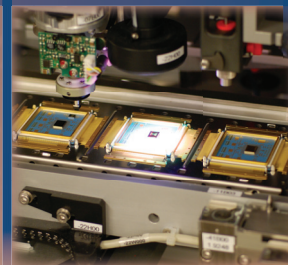
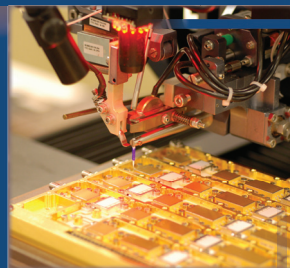
SPACE MANUFACTURING

Space Qualified Processes, People & Facilities!

Analog, Digital & Mixed-Signal ICs, Modules, Subsystems & Instrumentation

Facilities, Manufacturing & Test

- ◆ ISO 9001:2008 & AS9100:2009
- ◆ Class 100 Environment for S-Level Products
- ◆ Automatic Hybrid Assembly Equipment:
Die Inspect/Pick, Die/Substrate Attach &
Wire Bond
- ◆ IR Reflow Equipment for PCB Based
Assemblies
- ◆ Automated Digital Product Test to 40 Gbps
- ◆ Automated RF, Microwave &
Millimeterwave Product Test to 110 GHz



Class S Screening & Qualification

- ◆ VI to Methods 2010A & 2017K
- ◆ Temperature Cycle
- ◆ High Temperature Burn-In & Life Test
- ◆ Wafer Lot Acceptance Test
Bond Pull & Die Shear
SEM Inspection
Metal & Dielectric Thickness Meas.
- ◆ Serialized Test Data
- ◆ Qualification Report

Hittite Delivers Qualified Solutions to Meet Your Specific Requirements!



CONTACT Us: space@hittite.com

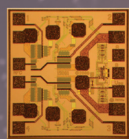
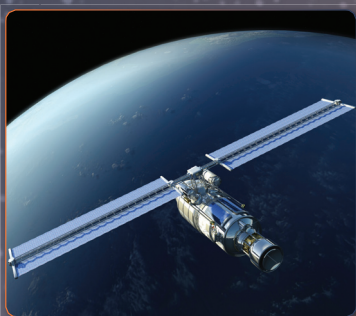
2 Elizabeth Drive • Chelmsford, MA 01824
978-250-3343 tel • 978-250-3373 fax • sales@hittite.com

Visit Us: www.hittite.com
Receive the latest product releases - click on "My Subscription"

SPACE PRODUCTS

Space Qualified Components, Modules & Subsystems!

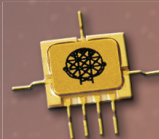
Analog, Digital & Mixed-Signal ICs, Modules, Subsystems & Instrumentation



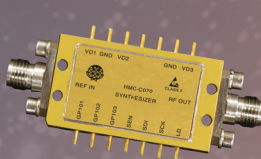
Chip (Die)



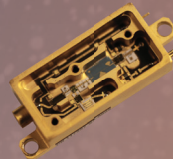
Hermetic Modules



Hermetic
SMT Package



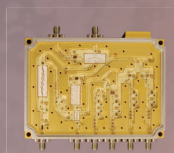
Hermetic
MicroSynth™



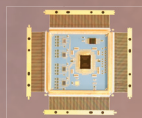
Downconverter



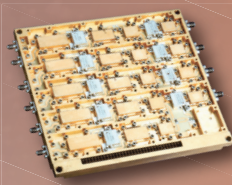
Switched
Filter Bank



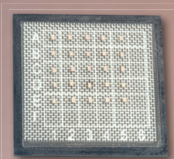
Clock
Generator



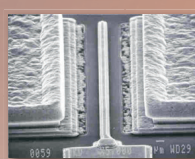
FPGA



Multi-Channel
Downconverter



Serialized Die
in GEL-PAK



FET
Channel SEM

Hittite Provides Proven Technical Solutions for Space Applications!

- ◆ Space Upscreening to Customer Specifications & Delivered over 45,000 S-Level Components
- ◆ Qualified By Major Spacecraft OEMs
- ◆ Space Level Products, Component & Module Qualification
- ◆ Offers MIL-PRF-38534-K & MIL-PRF-38535-S Class Screening on Die, Hermetic, Packaged Die & Hybrid Assemblies
- ◆ Space Grade Components Currently Operational on Dozens of Commercial, Scientific & Military Spacecraft

Your Source for State-of-the-Art Proven Performance!



CONTACT Us: space@hittite.com

2 Elizabeth Drive • Chelmsford, MA 01824
978-250-3343 tel • 978-250-3373 fax • sales@hittite.com

Visit Us: www.hittite.com
Receive the latest product releases - click on "My Subscription"