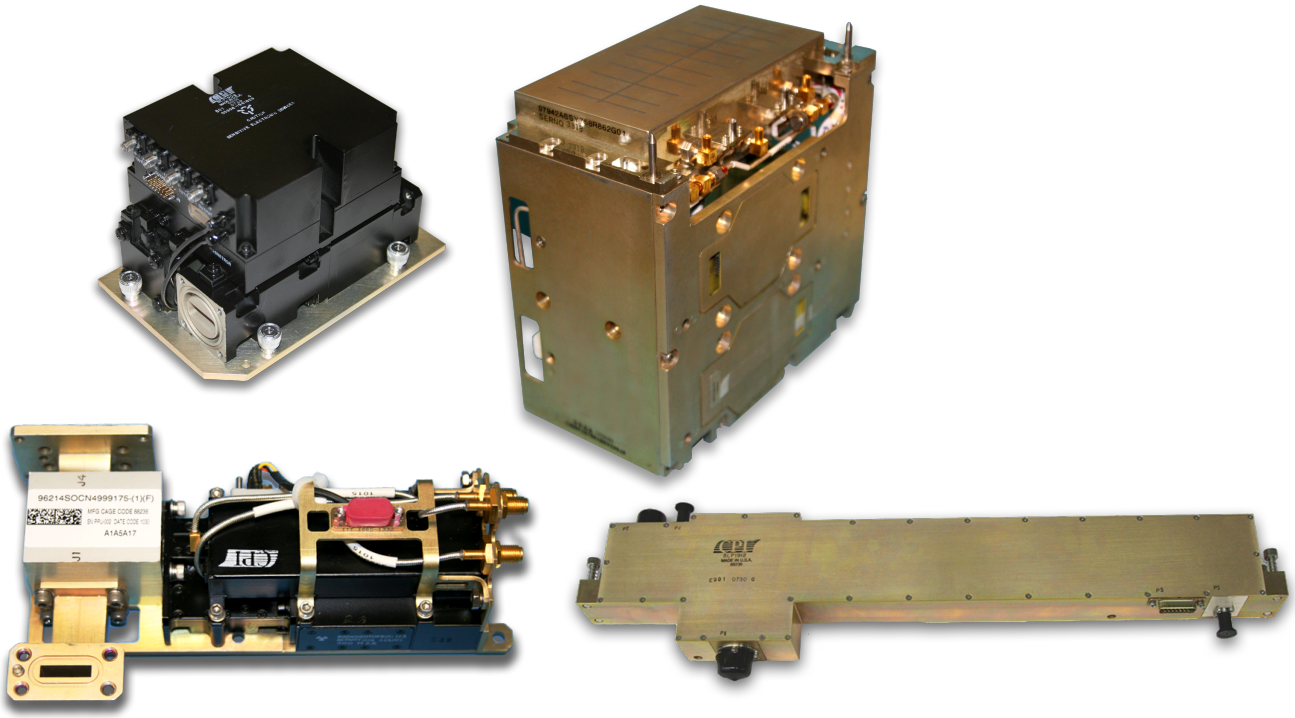
CPI Electron Device Business - Microwave Front Ends



Historically, radar system designers selected various components from different suppliers without the ability to accomodate how they interact. CPI EDB has a successful history of providing additional functionality to receiver protectors, by integrating passive and active components.

CPI EDB uses both Ferrite Circulator and Balanced Hybrid Duplexing technology to produce a compact, more efficient integrated component, by optimizing performance, reducing development costs and ultimately, providing increased functionality to the end product.

FEATURES:

- Provides both a transmit path and a receive path
- The receive path can provide receiver protection and low noise amplification
- Test ports for injection of a signal for Built-in Test (BIT)
- Sample ports to monitor transmit and reflect signals
- Monitors for high reflected power and temperature

BENEFITS:

- High power handling
- Low noise figure
- Calibrated couplers
- Variable attenuation
- Excess noise generators for calibration

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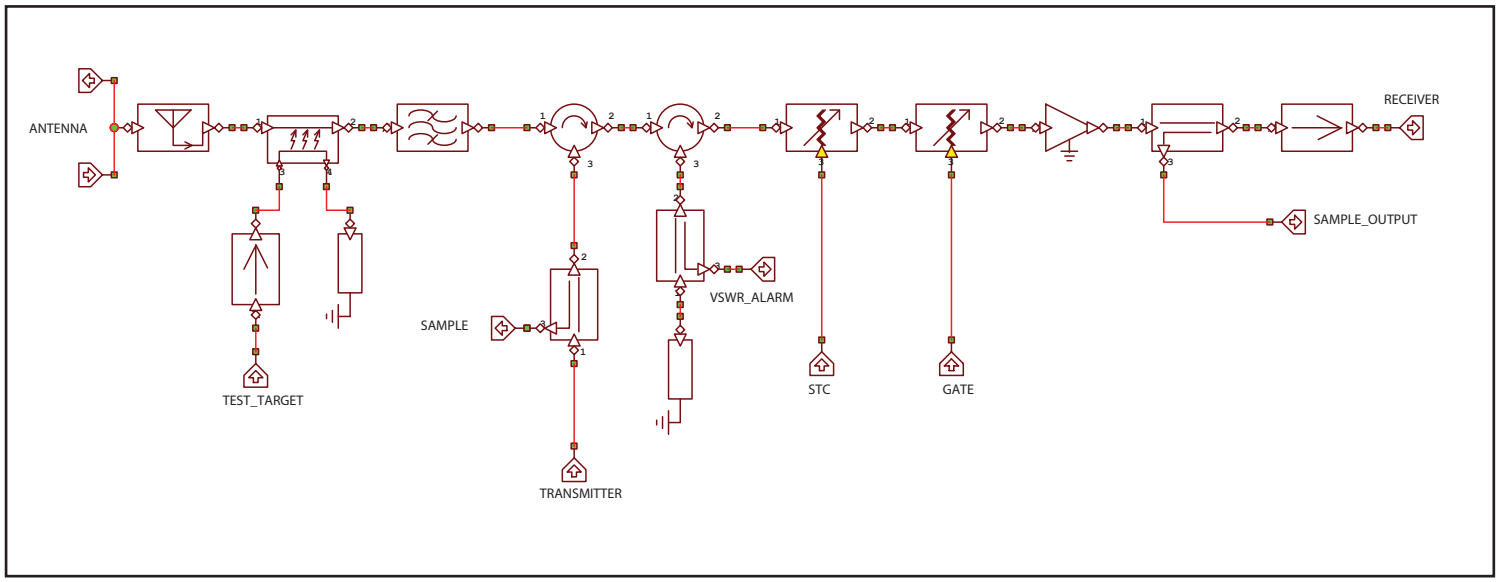
Typical capability block diagram



We have the ability to integrate your microwave front ends into a larger assembly. Ask us about designing a complete subsystem for you today.

Electron Device Business

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For more detailed information, please refer to the corresponding CPI EDB technical description if one has been published, or contact CPI EDB. Specifications may change without notice as a result of additional data or product refinement. Please contact CPI EDB before using this information for system design.