

KRATOS | GENERAL MICROWAVE Microwave Electronics Division

Tx/Rx MODULES FOR DATA LINK

KRATOS General Microwave designs and manufactures a variety of customized Transmit/Receive sub-systems for Data Link applications. KRATOS General Microwave supplies simple low cost modules, to complex, high end and high power units. Typical applications of KRATOS General Microwave Data Links are Missiles, Guided Munition, UAVs and Network Centric Warfare (NCW).

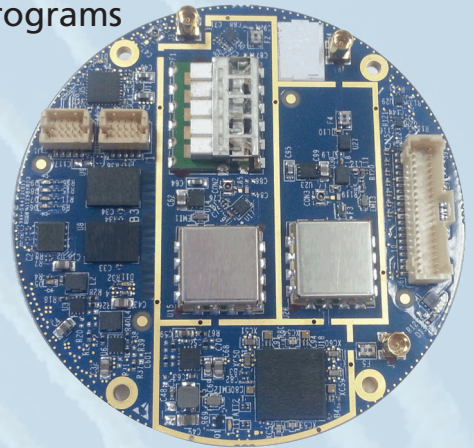
KRATOS General Microwave provides state-of-the-art Microwave Technology, Mixed Signal Processing, System On Chip (SOC) devices, High Power Amplifiers, FPGAs and other Digital Technologies. When possible the designs are SMT based, otherwise chip & wire can be utilized depending on specific requirements.

TYPICAL DATA LINK MODULES WE HAVE SUPPLIED

	Type A	Type B	Type C	Type D	Type E
Tx Power	100W	100W	Rx Only	100mW	1mW
Operation Mode	Pulse	Pulse	NA	CW	NA
Modulation	BPSK/QPSK	QPSK	NA	BPSK/QPSK	QPSK
Duty Cycle	3%	5%	20%	N/A	N/A
Typical Application	Surface to Air Missile	Surface to Air Missile	Surface to Air Missile	Tactical Com & GPS Rx	Smart Munitions
Frequency Band	L	L	S	S	S
Bandwidth	200MHz	200MHz	20MHz	500MHz	500MHz
Bit Rate (Tx/Rx)	10/5 Mbps	1.25 Mbps	5 Mbps	5 Mbps	5 Mbps

KRATOS General Microwave offers the following:

- Vast experience offering a variety of Data Link modules for diversified applications
- Reliable and meticulous design: From small, simple and low power to complex, high end and high power
- User defined outline
- Designed for harsh environments
- Microwave and DSP embedded
- Unconditional commitment to quality and reliability
- Form Fit and Function for obsolescence or price reduction programs



ABOUT KRATOS GENERAL MICROWAVE

KRATOS General Microwave is a recognized worldwide leader in the design and manufacture of high performance, state-of-the-art microwave components and sub assemblies for the defense and non-defense markets with over 60 years of proven experience.

KRATOS General Microwave products are used in a variety of demanding environments, including missiles, airborne, naval and ground systems.

In addition to Data Link products KRATOS General Microwave offers a range of broadband microwave products such as: Synthesizers, Solid State Power Amplifiers (SSPAs), Integrated Microwave Assemblies (IMAs), and Control Components.

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