

# SATCOM

Richardson RFPD supplies both commercial-grade and avionics/military-grade components for the radio frequency (RF) and microwave sections of transponder/DME systems. Whether you're working on a new project or upgrading existing systems, our expert team is ready to support you with technical expertise and customized solutions to help achieve your goals.



**12 - 40 GHz, Waveguide  
Ceramic Filters**



**Small, Lightweight  
COTS LNAs and HPA**



**SDARS Antenna  
Reference Design**



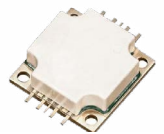
**20 - 55 GHz, LNA in  
5x5mm SMT package  
with 2.5dB NF**



**28.5 - 31.0 GHz, 4 W,  
Power Amplifier**



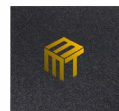
**15.4 - 17.7 GHz, 80 W,  
GaN-on-SiC Power  
Amplifier IC**



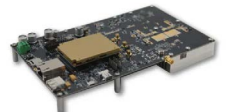
**14.5 - 17.5 GHz, 8 W,  
GaN-on-SiC Power  
Amplifier IC**



**26.5 - 31.5 GHz, 6 W,  
GaN MMIC Power  
Amplifier**



**High Power RF  
Front End & Radio  
Development Kit**



**26.5 - 31 GHz, 25 W,  
GaN MMIC Amplifier IC**



**50 - 71 GHz, 3.5 dB NF,  
LNA GaAs MMIC**



**32 - 37 GHz, 30 W,  
Ka-Band GaN Power  
Amplifier**

