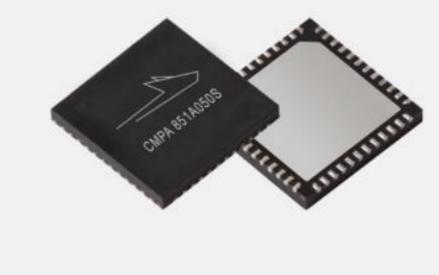
Products > RF > Aerospace & Defense > CMPA851A050



### CMPA851A050









Next Section ∨

Wolfspeed's CMPA851A050 MMIC HPA family supports up to 80 W utilizing Wolfspeed's high performance, 0.15um GaN on SiC production process. The product family operates from 8.5-10.5 GHz and supports both defense and commercial-related radar applications. The CMPA851A050 family supports up to 80 W of saturated output power with 29 dB of large signal gain and is offered in various package platforms. Pulsed and CW are both available operating conditions depending on the package selection. The CMPA851A050 family offers bare die, SMT and flange package solutions allowing the user to optimize their SWAP-C analsysis in meeting next generation requirements.

## Products

Product SKU 🗘	Buy Online	Request Sample	Data Sheet	Recommended For New Design?	Technology 🗘	Frequency ^	Frequency $\stackrel{\wedge}{\sim}$	Peal Out Pow
CMPA851A050S-AMP1	Ħ		Request Now	Yes	GaN on SiC	8.5 GHz	10.5 GHz	80 \
CMPA851A050S NEW	=		Request Now	Yes	GaN on SiC	8.5 GHz	10.5 GHz	80 \
CMPA851A050D NEW			Request Now	Yes	GaN on SiC	8.5 GHz	10.5 GHz	80 \
CMPA851A050F-AMP	<b>=</b>	<b>(</b>	Request Now	Yes	GaN on SiC	8.5 GHz	10.5 GHz	50 V
CMPA851A050F NEW	Ħ		Request Now	Yes	GaN on SiC	8.5 GHz	10.5 GHz	50 \

Superior Overall Performance
 Pulsed and CW Operation

**Features** 

- Environmental Protection
- High SWAP-C Analysis
- Superior Thermal Management

**Benefits** 

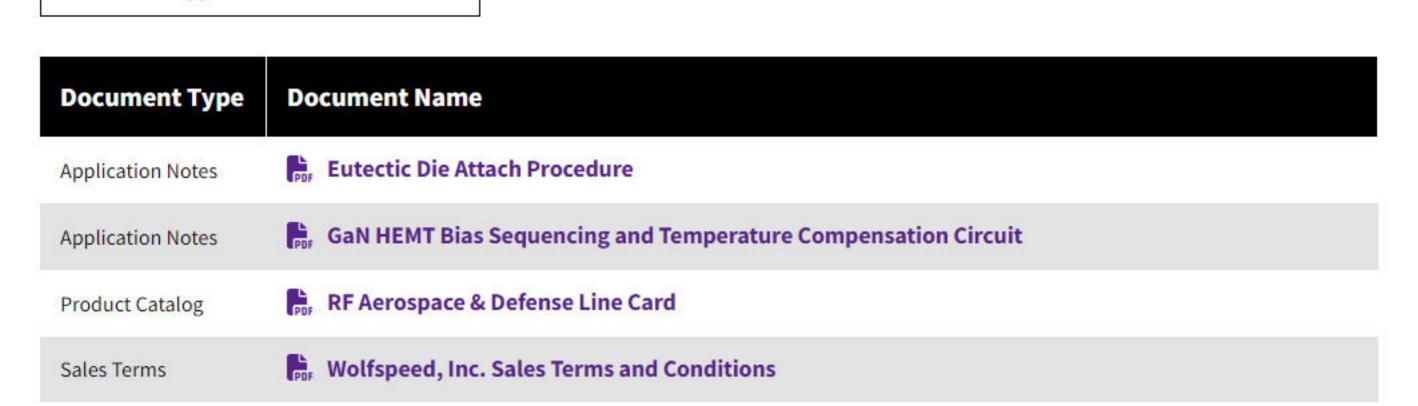
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· Automated Assembly

Defense and Commercial Radar Systems

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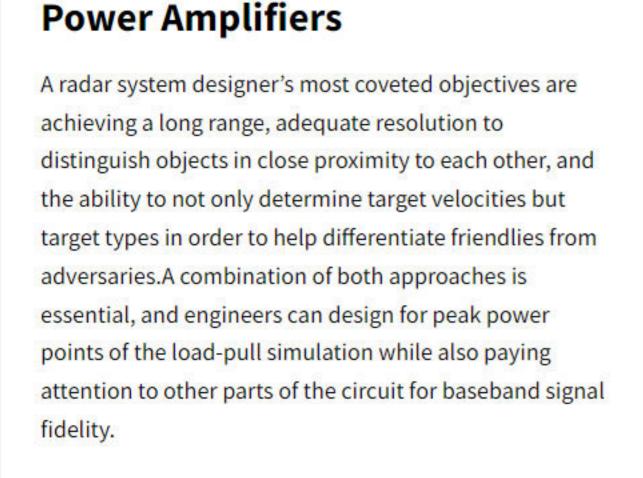
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