



# 12-bit 10GS/s DAC

## Specifications and Characteristics:

T<sub>A</sub> = 25°C

Parameter	Min.	Typ.	Max.	Unit	Comments
SFDR@0.5GHz	65	75		dBc	1V <sub>PPD</sub>
SFDR@4GHz		70		dBc	1V <sub>PPD</sub>
INL		±0.75		lsb	
DNL		±0.4		lsb	
Output Range		1		V <sub>PPD</sub>	
Power Supply	-10%	1.8	+10%	V	
f <sub>clk</sub>		10		GHz	Input clock
NSD		tbd			
Power Consumption		tbd		mW	Full IP
I <sub>load</sub>		20		mA	

## Measurement Result:

