

Electrical Characteristics

Parameters	Comment	Minimum	Nominal	Maximum	Unit
Power Supplies					
Supply Voltage		0.9	1.0	1.05	V
Supply Voltage		1.72	1.8	1.98	V
Supply Voltage		2.97	3.3	3.63	V
Microphone Input TA = 25°C, input supply = 3.3 V, 1 kHz signal, fs = 48 kHz, PGA gain = 0 dB					
Input Signal Level	1x AVDD		3.3		V
SNR			106		dB
THD			-85		dB
Power Supply Rejection Ratio			80		dB
Mute Attenuation		80			dB
Input Resistance			500		kΩ
Bias Voltage		1.5		4	V
Bias Current				10	mA

Ordering Information

Ordering Number	Part Number	Description	Package
TBD	CX20865	Far Field Voice Input Processor SoC	9x9 mm 169 BGA

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