INMP522

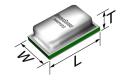








Applications	Commercial Grade	
Apps. Detail	Mobile	
	Wearable	
	Internet of Things	
	Drone	
Product Type	Digital Output (PDM)	
Port Location	Bottom	
Series	INMP	
Status	Production	
Brand	InvenSense	



	Size	
Length(L)	3.00mm ±0.10mm	
Width(W)	4.00mm ±0.10mm	
Thickness(T)	1.00mm ±0.10mm	

Electrical Characteristics		
Sensitivity	-26dB FS ±1dB FS at 1kHz, 94dB SPL	
S/N Ratio [SNR] (Typ.)	65dBA	
Sound Pressure Level	105dB at THD 0.5% Typ., 1kHz	
Acoustic Overload Point	116dB SPL at 10% THD	
Total Harmonic Distortion [THD]	0.5% Typ. at 105dB SPL, 1kHz	
Power Supply Rejection Ratio [PSPR] (Typ.)		
Current Consumption [Icc] (Typ.)	1mA	

	Other
Operating Temperature Range	-40 to 85°C
Packing	Embossed (Plastic)Taping [330mm Reel, Tape width 12mm]
Package Quantity	5000pcs
Weight	

[!] Images are for reference only and show exemplary products. ! This PDF document was created based on the data listed on the TDK Corporation website.

[!] All specifications are subject to change without notice.