

ICS-52000



Applications



Commercial Grade

Apps. Detail

Mobile
Wearable
Internet of Things
Drone

Product Type

Digital Output (TDM)

Port Location

Bottom

Series

ICS

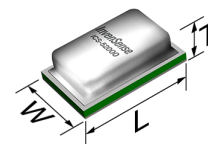
Status



Production

Brand

InvenSense



Size

Length(L)	4.00mm ±0.10mm
Width(W)	3.00mm ±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 0.3% Typ., 1kHz
Acoustic Overload Point	116dB SPL at 10% THD
Total Harmonic Distortion [THD]	0.3% Typ. at 105dB SPL, 1kHz
Power Supply Rejection Ratio [PSRR] (Typ.)	-98dB at 1kHz, 100mVp-p
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	0.14g