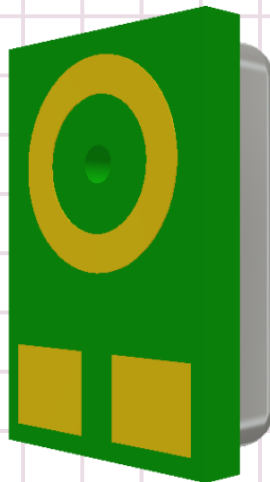


High Fidelity MEMS Microphones

Instead of following the design of traditional capacitive MEMS Microphones, trapping air and contaminants between layers, PUI Audio's High-fidelity MEMS diaphragm travels freely with sound making for improved fidelity and noise-rejection.

HIGH DYNAMIC RANGE WITHOUT A PART EXCHANGE

MEMS



REAL SIZE

Type	PUI Part Number	Dimensions (mm)	Sensitivity (dBV)	SNR (dB) Typ.	AOP (SPL)	Current (uA) Typical	Supply Voltage (V)
Analog	AMM-2742-B	2.75 X 1.85 X 0.9	-42 ±1	63	133	105	2.4 ≤ VS ≤ 3.3
Analog	AMM-3537-B	3.50 x 2.65 x 1.0	-37±1	70	130	105	1.6 ≤ VS ≤ 3.6
Digital	DMM-3535-B	3.50 x 2.65 x 2.0	-35 ±1	66.5	130	900	1.6 ≤ VS ≤ 3.3
Digital	DMM-4026-T	4 x 3 x 1.1	-26 ±1	65	120	750	1.6 ≤ VS ≤ 3.6