

Application note

Purpose	P_OSR	Max data rate (Hz)	Current (μA) @ 1Hz (μA)	P noise (RMS, Pa)
Ultra low power	256X	235	4.85	4.3
Low power	1024X	197	6	2.8
Standard resolution	4096X	127	9.5	1.9
High resolution	8192X	85	14.5	1.6
Ultra high resolution	16384X	51	21	1.3

Application note

Purpose	Application	P_OSR	ODR (Hz)	Current (μA)	P noise (RMS, Pa)	Noise (RMS, cm)
Ultra low power	Weather monitoring	256X	1/60	0.08	4.3	35.8
Low power	Drop detection	1024X	125	750	2.8	23.3
Standard resolution	Floor change detection	4096X	7.3	69.4	1.9	15.8
Ultra high resolution	Drone height detection	16384X	50	1050	1.3	10.8