

ESS DAC family comparison table

	Single	Stereo	Dual mono (two DAC chips)
ES9018K2M (2 CH)	Output impedance: 781.25 ohm DNR differential current mode: 127dB THD+N differential current mode: -120 dB	-	Output impedance: 390.6 ohm DNR differential current mode: 130dB(theoretical) THD+N differential current mode: -120 dB 2CH in parallel
ES9018 (8 CH)	Output impedance: 781.25 ohm DNR differential current mode: 129dB THD+N differential current mode: -120 dB	Output impedance: 195.3 ohm DNR differential current mode: 133dB THD+N differential current mode: -120 dB 4 CH in parallel	Output impedance: 97.7 ohm DNR differential current mode: 135dB THD+N differential current mode: -120 dB 8CH in parallel
ES9028Q2M (2 CH)	Output impedance: 403 ohm DNR differential current mode: 129dB THD+N differential current mode: -120 dB	-	Output impedance: 201.5 ohm DNR differential current mode: 132dB(theoretical) THD+N differential current mode: -120 dB 2CH in parallel
ES9028PRO (8 CH)	Output impedance: 806 ohm DNR differential current mode: 129dB THD+N differential current mode: -120 dB	Output impedance: 201.5 ohm DNR differential current mode: 133dB THD+N differential current mode: -120 dB 4 CH in parallel	Output impedance: 100.75 ohm DNR differential current mode: 135dB THD+N differential current mode: -120 dB 8CH in parallel
ES9038Q2M (2 CH)	Output impedance: 774 ohm DNR differential current mode: 129dB THD+N differential current mode: -120 dB	-	Output impedance: 387 ohm DNR differential current mode: 132dB(theoretical) THD+N differential current mode: -120 dB 2CH in parallel
ES9038PRO (8 CH)	Output impedance: 202 ohm DNR differential current mode: 132dB THD+N differential current mode: -122 dB	Output impedance: 50.5 ohm DNR differential current mode: 137dB THD+N differential current mode: -122 dB 4 CH in parallel	Output impedance: 25.25 ohm DNR differential current mode: 140dB THD+N differential current mode: -122 dB 8CH in parallel