

ANALOG INPUT | CLASS-D AUDIO

Mono

Part Number	V _{IN} (Min) (V)	V _{IN} (Max) (V)	P _{OUT} (W)	Efficiency (%)	THD+N (%)	PSRR (dB)	Package	Notes
MP1720	2.5	5.5	2.7	90	0.11 @ 1W	60	QFN10 (3x3) MSOP-10E	BTL, Low EMI, High-Efficiency, Flexible Switching Frequency Setting
MP1740	2.5	5.5	3	90	0.11 @ 1W	62	9-Ball WLCSP (1.5x1.5)	BTL, Ultra Small for Portable and Mobile Phones
MP7731	9.5	18	30	90	0.10 @ 1W	60	TSSOP20F	30W Amplifier, Exposed Pad
MPQ7731	9.5	18	30	90	0.10 @ 1W	60	TSSOP20F	30W Amplifier, Exposed Pad, Industrial Grade
MP7741	9.5	36	10	94	0.02 @ 1W	58	QFN10 (3x3)	Single-Ended, Fully Integrated Audio Amplifier
MP7740	9.5	36	15	90	0.018 @ 1W	60	SOIC8	15W, Single-Ended Amplifier
MP7747	9.5	36	20	91	0.02 @ 1W	59	QFN10 (3x3)	Single-Ended, Fully Integrated Audio Amplifier

Stereo

	Part Number	V _{IN} (Min) (V)	V _{IN} (Max) (V)	P _{OUT} (W)	Efficiency (%)	THD+N (%)	PSRR (dB)	Package	Notes
	MP7722	9.5	24	20 (2x)	93	0.06 @ 1W	60	TSSOP20F	Single-Ended Audio Amplifier, Exposed Pad
	MP7745	9.5	26	20 (2x)	93	0.05 @ 1W	59	TSSOP20F	Single-Ended, Fully Integrated Audio Amplifier, P2P with MP7722, Exposed Pad
	MP7742	9.5	28	15 (2x)	90	0.018 @ 1W	60	TSSOP20F	Single-Ended, Fully Integrated Audio Amplifier, P2P with MP7722, Exposed Pad
	MP7748S	9.5	36	30 (2x)	94	0.02 @ 1W	59	TSSOP-28 EP	2x30W SE or 1x60W BTL Audio Amplifier
New	MP7751	5	26	20 (2x)	92	0.06 @ 1W	60	TSSOP-28 EP	5-26VDD, 2 x 20W BTL Audio Amplifier
New	MP7752	5	18	15 (2x)	90	0.06 @ 1W	60	TSSOP-28 EP	5-18VDD, 2 x 15W Filterless BTL Audio Amplifier
	MP7770	9.5	36	45 (2x)	95	0.03 @ 1W	60	TSSOP28F	2x45W SE or 1x90W BTL Audio Amplifier, 8.5A Peak, Exposed Pad