

■ GENERAL PURPOSE ELECTRIC VOLUME

Application	Type No.	Function	Typical electrical characteristics		Package outline	Remarks
			V _{CC} (V)	I _{CC} (mA)		
Electric Volume	M5222L/P/FP	Voltage Control Amplifier (Electronic Attenuator)	1.8 to 20	3.6	8P5/8P4/8P2S	Stereo type, A curve response
	M5241L	Voltage Control Amplifier (Electronic Attenuator)	± 15	3.8	10P5	Stereo type, A curve response
	M5206P	Voltage Control Amplifier (Electronic Attenuator)	± 15	4.5	14P4	LOG control for Electronic instrument
	M5207L01	Voltage Control Amplifier (Electronic Attenuator)	± 15	4.5	10P5	Linear control for Electronic instrument
	M5207L05	Voltage Control Amplifier (Electronic Attenuator)	± 15	4.5	10P5	Linear control for Electronic instrument
	M5282FP	Voltage Control Amplifier with Mike Amp.	5	8.7	10P2	
	M5283P	Hi-Fi Dual Electronic ATT (VCA)	± 15	30	16P4	THD=0.003%, S/N=87dB
	M51523AL	Dual Electronic ATT/Balance	12	12	14P5A	
	M51132L/FP	Dual Electronic ATT/Balance	12	17	14P5A/16P2N	Low Noise
	M62409FP	Dual Electronic ATT/Loudness	8	10	32P2U	With Loudness
	M62414SP	Dual Electronic Volume with Micro-computer Interface	9	17	20P4B	4-output port VCA+DAC (7bit+DAC)
	M62424SP	Digital Electronic Volume for 1bit variable current DAC type	± 7	30	28P4B	monoral 4 input type
	M62425FP	Dual Electronic Volume with Microcomputer interface	± 7	30	36P2R	2ch independence control 6 output ports
	M62429P/FP	★ Dual Electronic Volume with Microcomputer interface	5	8	8P4/8P2S	small package, popular edition the most suitable for PC

■ GRAPHIC EQUALIZERS · TONE CONTROL

Application	Type No.	Function	Typical electrical characteristics		Package outline	Remarks
			V _{CC} (V)	I _{CC} (mA)		
Graphic Equalizer	M5226P/FP	5 Band Graphic Equalizer	9	5.2	16P4/16P2P	Tone quality regulation
	M5227P/FP	5 Band Hi-Fi Graphic Equalizer	± 15	9	16P4/16P2P	
	M5229P/FP	7 Band Hi-Fi Graphic Equalizer	± 15	12	20P4/20P2	
	M5243AP/FP	3 Band Dual Graphic Equalizer	20	6	20P4/20P2	3-Band stereo type
	M5289P/FP	7 Band Hi-Fi Graphic Equalizer	± 15	18	20P4/20P2	Low noise, Low Distortion Rate
Tone Control	M51134P/FP	Sub Harmonizer for Extra Bass	12	12	20P4/20P2N	Super Bass Emphasis
	M62403P/FP	Audio Power Amp Controller with Auto-Loudness	6	4	16P4/16P2N	
	M62404P/FP	Analog Switch with Amplifier	± 8	12.7	20P4/20P2N	

■ GENERAL PURPOSE AUDIO IC

Application	Type No.	Function	Typical electrical characteristics		Package outline	Remarks
			V _{CC} (V)	I _{CC} (mA)		
Record/Playback Pre-amplifier	M51141P	Dual Recoding/Playback Amplifier with ALC	3	4	20P2	
	M51166P	Dual Recoding/Playback Amplifier with ALC	9	6	18P4	
	M51167AFP	Single Chip Recoding/Playback Amplifier	9	20	36P4E/36P2R	
	M51167BFP	Single Chip Recoding/Playback Amplifier	9	20	36P4E/36P2R	
	M52122FP	× Single Chip Recoding/Playback Amplifier	6	38	42P2R	With automatic adjusting function
	M62451FP	Single Chip Recoding/Playback Amplifier	6	42	56P6N	With automatic adjusting function
	M51524L/P/FP	Auto reverse preamplifier with music sensor	8	9	20P5A/24P4/24P2	
Pre-amplifier	M5219L/P/FP	Dual Low Noise Pre-Amplifier	± 22.5	3.5	8P5C/8P4/8P2	S/N = 77dB
	M5220L/P/FP	Dual Low Noise Pre-Amplifier	± 22.5	4.0	8P5/8P4/8P2	S/N = 83dB
Others	M51143AL	Music Selector	6	3.5	8P5	
	M5280L/P/FP	Ground Isolator Amplifier	12	6.3	8P5/8P4/8P2S	Car audio chassis ground noise reduction
	M62471FP	3V Dual Amplifier for Headphone Sterer	3	10	24P2Q	
	M62302P/FP	A-D converter for AV lever meter	5	6	14P4/14P2N	4 bit logarithmic compression type

× : Plan for production discontinue