

ICs for Audio Applications

Accessories

● KARAOKE echo system

Part No.	Supply voltage range (V)	Function	Feature	Package
BA7760/F	6~14	MIC amplifier	Built-in low noise dual mic amplifier, muting function.	DIP14/SOP14
BA7726S/FS	6.5~12	Analog compand	Built-in echo mix circuit with anti echo EVR; line mix amplifier; mic muting function; buffer amplifier for composing LPF.	SDIP22/SSOP-A20
NEW BA7728S/FS	4.5~12	Stereo analog compander	Level controlled echomixer, stereo line mix amp, vocal cut, vocal detect, MICALC, multiplex sound output switch, mic mute	SDIP32/SSOP-A32
BU9250S/F	4.5~5.5	Digital delay	8-bit ADC/DAC, delay memory(8K), delay time selector, delay time:120mS(fosc=375KHz)	SDIP18/SOP18
BU9251S/F	4.5~5.5	Digital delay	8-bit ADC/DAC, delay memory(8K), delay time selector, delay time:150mS(fosc=455KHz)	SDIP18/SOP18
☆BU9252S/F	4.5~5.5	Digital delay	8-bit ADC/DAC, delay memory(16K), delay time selector, delay time:144mS(fosc=455KHz)	SDIP18/SOP18

Note : 1. ☆ Under Development

● Level meter

Part No.	Supply voltage range (V)	Display	Dot	Function	Scale	Feature	Package			
BA6104	9~15	LED	5	Bar	Linear	Operating voltage range 9~15V.	SIP9			
BA6125	3.5~16					VU	Built-in rectifier amplifier and reference regulator. LED current is made constant.	Wide operating voltage range 3.5~16V.	SIP9	
BA6124/F	3.5~16							For red LED drive.	SIP9/SOP14	
BA6137	3.5~16							Wide compare level -13~+13 dB	SIP9	
BA6144	3.5~16							High amplifier gain.	SIP9	
BA6154	3.5~16									
BA684A	6.5~14				8	Bar	Linear	Built-in two half wave rectifier amps. The level of the largest one of the two inputs is displayed.	DIP16	
BA682A/AF	10~14				12	Dot/Bar	VU	Built-in half wave rectifier amplifier. LED is direct drivable.	External setting of LED current. Turn on and off periods of LED can be controlled by adjusting external resistor and capacitor.	DIP18/SOP18
BA681A	10~14						Power			DIP18
BA683A	10~14						Linear			DIP18
BA689	10~14		DIP18							
BA6820F	4.5~5.5	12×2	Bar/Peak hold	VU	2ch display by dynamic drive system. 2 mode display by independent AC and DC display. Peak hold function between -7 ~10dB and reset function. Muting function.	RIN=3kΩ	SOP22			
BA6822S/F	4.5~5.5					RIN=300Ω	SDIP22/SOP22			
BA6146	7.5~20	12	Bar	VU	Built in input rectifier amplifier meeting both AC and DC input signals.		DIP16			
BA6810S/F	4.5~5.5	FL	12×2	Bar/Peak hold	VU	2ch display by dynamic drive system. Peak hold function between -7 ~10 dB. Muting function Square-law compression amplifier.	Level adj. pin	SDIP30/SOP28		
BA6800A/AS/AF	4.5~5.8						Available to 2 mode display by independent AC and DC display	Duty cycle : 1/8	DIP28/SDIP30/SOP28	
BA6803S	4.5~5.8								Duty cycle : 1/4	SDIP30
BA6805A	4.5~5.8							DIP28		

● Ground isolation amplifier for car stereo

Part No.	Supply voltage range (V)	Number of circuits	CMRR (dB)	THD (%)	Output noise voltage (μ Vrms)	Feature	Package
BA3121/F/N	4~18	2	57	0.002	3.5	High CMRR eliminates noise completely. Small external capacitance.	DIP8/SOP8/SIP8

● High voltage head switch

Part No.	Supply voltage range (V)	Function/Feature	Package
BA3126F/N	4.5~15	2 high voltage head switches for playback and 2 switches for record.	SOP14/SIP9

● Auto scan meter

Part No.	Supply voltage range (V)	Display	Dot	Function		Feature	Package
				FM	AM		
BA695	4.5~14	LED	3	Tuning/detuning direction indication	Level meter		SIP9

● Square-law compression amplifier

Part No.	Supply voltage range (V)	Circuit	Function	Feature	Package
BA6138/F	8.5~16	2ch	1/2 square-law compression amplifier with good linearity.	Stabilized power supply. Muting function.	SIP9/SOP14