

Accessories

●Electronic volume

Part No.	Supply voltage range (V)	Function	Number of circuits	Built-in reference voltage	Feature	Package
BA3853AFS	7.0~9.5	Car audio controls (Vol. tone, balance, fader and loudness)	2	○	Low-noise DC control	SSOP-A24
New BH3854AFS/AS	5.4~9.5	CD & cassette recorder (Vol, tone), 3-wire serial control	2	○	Noiseless switching	SSOP-A32/SDIP32
New BH3530FS	3.5~5.5	Vol. control, potentiometer 8bit x 2	2		Multi step	SSOP-A20

●IC for graphic equalizer

Part No.	Supply voltage range (V)	Format	Number of bands	Circuit current(mA)	Control range (dB)	THD (%)	Output noise voltage (μ Vrms)	Ripple rejection	Input buffer	Output buffer	Package
BA3812L/F	3.5~16	monaural	5	5.0	\pm 12	0.01	5		○	○	ZIP18/SOP18
BA3822LS/FS	3.5~14	stereo	5	7.0	\pm 11	0.1	10				SZIP24/SSOP-A24
BA3823LS	3.5~14	stereo	5	6.7	\pm 10	0.01	3	50			SZIP24
BA3824LS	3.5~14	stereo	5	7.0	\pm 8.5	0.1	10				SZIP24

●Preset graphic equalizer

Part No.	Supply voltage range (V)	Format	Circuit current(mA)	No. of positions	Feature	Package
New BA3840KV	1.7~3.6	stereo	2.2	4	Prevention of sound leak from head set. Auto boost control.	VQFP48

●Bass boost system

Part No.	Supply voltage range (V)	Function		Driver Output		Power muting switch	Bias amplifier	Center amp	Feature	Package
		Boost circuit		Condition RL=16 Ω	Vcc					
		Bass	Treble							
BA3570F/FS	2.0~7.2	25dB.Max.	4dB Fixed	30mW	3.0	○	○		Built-in 30mW power amplifier	SOP22/SSOP-A24
New BA3572FS	1.8~3.6	25dB.Max.	4dB Fixed	18mW	2.4		○	○(OCL)	On-chip S-BBS and AVC	SSOP-A24
BA3870	3.0~7.0	20dB.Max.	4dB Fixed						Low switching noise at BBS ON/OFF	DIP20
New BA3571F/FS	2.0~5.5	25dB		30mW	3.0		○		BB circuit	SOP20/SSOP-A20
New BA3574AFS	1.7~3.6	7dB		40mW	2.4	○	○	○	Low Iq	SSOP-A20

●Band-pass filter for spectrum analyzer

Part No.	Supply voltage range (V)	Format	Number of bands	Input MIX AMP	Input mix. amp	Feature	Package
BA3826S	\pm 4.0~ \pm 6.5	Stereo	7			Built-in capacitor for time constant and filter.	SDIP18
BA3830S/F	4.5~8.0	Monaural	6	○	○		SDIP18/SOP18
BA3832F	4.5~8.0	Monaural	6	○	○		SOP18
☆BA3834/F	4.5~6.5	Monaural	7			Built-in capacitor With differential amp. to reject common noise	DIP14/SOP14
☆BA3835/F	4.5~6.5	Monaural	5				DIP14/SOP14

Note : ☆:Under development

●LCD controller for spectrum analyzer

Part No.	Supply voltage range (V)	Format	No. of bands	Feature	Package
New BU2670K	4.5~5.5	Monaural	6 bands + 1 level	System can be easily constructed by pairing with band-pass filter for spectrum analyzer.	QFP64

●Display microcontroller for spectrum analyzer.

Part No.	Supply voltage range (V)	ROM	RAM	Function/Feature	MTP microcontroller	Package
New BU34424	4.5~5.5	4K x 8	256 x 4	24-seg x 4-com LCD driver, 24 x 4 LCD display RAM, SIO and PIO configure an audio spectrum analyzer when used with the BA3830 series.	BU36824 (Sample only)	QFP64

●Vocal fader for KARAOKE

Part No.	Supply voltage range (V)	Function	Features	Package
New BA3837/F	5.4~10	Vocal fader	Multiplex mode output: L channel	DIP16/SOP16
New BA3838F	4.0~15	Multiplex-voice select, mic mixing	Multiplex mode output: L and R channels	SOP16