

●Band-pass filter for spectrum analyzer

Part No.	Supply voltage (V)	Format	Number of bands	Input mix amp	Input mix. amp	Features	Package
BA3826S	±4.0~±6.5	Stereo	7			Built-in capacitor for time constant and filter.	SDIP18
BA3830S/F	4.5~8.0	Monaural	6	○	○		SDIP18/SOP18
BA3834S/F	4.5~6.5	Monaural	7			Built-in capacitor	SDIP18/SOP18
BA3835S/F	4.5~6.5	Monaural	5			With differential amp to reject common noise	SDIP18/SOP18

●LCD controller for spectrum analyzer

Part No.	Supply voltage (V)	Format	Number of bands	Features	Package
BU2670K	4.5~5.5	Monaural	6 bands + 1 level	System can be easily constructed in pair with band-pass filter for spectrum analyzer.	QFP64

●Microcontroller for spectrum analyzer display

Part No.	Supply voltage (V)	ROM	RAM	I/O function/Features	MTP microcontroller	Package
BU34424	4.5~5.5	4K×8	256×4	24 seg×4 com LCD driver, 24×4 LCD display RAM, SIO, PIO. Can be used in combination with BA3830 as an audio spectrum analyzer.	BU36824 (Sample only)	QFP64

●Level meter driver

Part No.	Supply voltage (V)	Display	Dot	Function	Scale	Features			Package
BA6104	9~15	LED	5	Bar	Linear	Supply voltage 9~15V.		SIP9	
BA6125	3.5~16					Wide supply voltage 3.5~16V.		SIP9	
BA6124/F	3.5~16				VU	Built-in rectifier amplifier and standard power supply LED current is made constant.	For red LED drive.	SIP9/SOP14	
BA6137	3.5~16						For wide compare level -13~+13 dB	SIP9	
BA6144	3.5~16						High amplifier gain.	SIP9	
BA6154	3.5~16							SIP9	
BA682A	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
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	FL	12	Bar	VU	Built in input rectifier amplifier meeting both AC and DC input signals.			DIP16
BA6810S/F	4.5~5.5		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
BA6800AS/AF	4.5~5.8		16×2	Bar/peak hold			Available to 2 mode display by independent AC and DC display	Duty cycle : 1/8	SDIP30/SOP28
BA6803S	4.5~5.8								SDIP30
BA6805A	4.5~5.8								Duty cycle : 1/4