

TV signal processor

●Single-chip TV signal processor

Part No.	Supply voltage range (V)	Format	VIF	SIF	Circuits			Feature	Package
					Video signal	Chroma signal	V/H signals		
BA7307S	9~13.5	NTSC	○	○	○	○	○	All filters included	SDIP42

●Video Chroma signal processor

Part No.	Supply voltage range (V)	Format	VIF	SIF	Circuits			Feature	Package
					Video signal	Chroma signal	V/H signals		
New BH7320S	9~12	NTSC			○	○	○	All filters included	SDIP32

High frequency signal processor

●IF signal processor

Part No.	Supply voltage range (V)	Format	Function	Circuit	Feature	Package
BA401/F	1.8~15		IF amp.	Single differential amp.	Wide operating voltage range Voltage gain 32dB(Vcc=12V, R _L =1kΩ)	SIP5/SOP8
BA7356S	9~12	M,B/G,I,D/K Multi	VIF/SIF processor	PLL full-sync Det.	On-chip IF filter and audio Det. circuit	SDIP22

Video signal processor

●Y/C signals processor

Part No.	Supply voltage range (V)	Format			Function	Full HQ		S-VHS	Block filter	Y/C separate input	Feature	Package
		NTSC	PAL	SECAM		Y-NR	C-NR					
BH7502K1	5	○			Integrated processing of chroma signal and luminance signal on a single chip	○	○	Quasi playback	○		Apply PAL-M format	QFP80
BH7513AKV	5	○				○		Quasi playback	○	○	Low power	VQFP80
BH7518AKV	5	Pseudo	○	Pseudo		○		Quasi playback	○	○	Low power	VQFP80

●Y signals processor

Part No.	Supply voltage range (V)	Format			HQ	Y/C separate input	S-VHS	Copy guard	Muting	Dummy-V insertion	75Ω driver	Package
		NTSC	PAL	SECAM								
BA7258AS/AK	5	○	⊗	⊗	○				○	○	○	SDIP32/QFP44
BA7280AS	5	⊗	○	○	○			○	○	○	○	SDIP32
BA7281BS	5	⊗	○	○			○	○	○	○	○	SDIP32

●SECAM chroma signal processor

Part No.	Supply voltage range (V)	Function	Feature	Package
BA7107/F/S	5	SECAM chroma signal processor	PB/REC can be switched by changing supply voltage.	DIP28/SOP28/SDIP30
New BA7207S	5		Incorporates all filters including Bell.	SDIP32

●NTSC/PAL format converter

Part No.	Supply voltage range(V)	Function	Feature	Package
BA7045/FS	5	4.43MHz NTSC signal is converted into regular PAL signal	Compatible with PAL-M format. B.M gain and burst gate pulse position adjustment.	DIP16/SSOP-A16
BA7049S/FS	5	Chroma subcarrier frequency conversion for multi VTR	PAL chroma processor capable of processing both NTSC and PAL-M format REC/playback.	SDIP24/SSOP-A24

●PRE/REC Amplifier

Part No.	Supply voltage (V)		Number of head channels	Auto tracking interface	Playback AGC	REC amp constant current drive	Recording Y/C MIX	Feature	Package
	PRE	REC							
BA7172S/FS	5	9	2	○log	○	○	○	Quasi-S playback	SDIP22/SSOP-A24
New BA7180FS	5	5		○log	○	○		Built-in REC AGC	SSOP20
BA7182AS	5	5		○Integrating hold	○	○		Built-in REC AGC	SDIP22
☆BA7184S	5	5	4	○linear	○	○		Built-in REC AGC	SDIP24
BA7274S	5	12		○linear	○	○			SDIP32
BA7279S	5	9		○log	○	○			SDIP32

Note : 1. ☆ Under Development