

ICs for Video Applications

VTR audio signal processor

●PRE/REC amplifier of standard audio

Part No.	Supply voltage range (V)	Function						Feature	Package
		Input switch	MC amplifier	Equalizer	Head switch	Ripple filter	REC power supply		
BA7757BK	4~6	○		2 modes	Only PB	○		Suitable for camcorder	QFP32
BA7792LS	7.5~12.5			3 modes	○	○			SZIP24
BA7795LS	7.5~12.5	○		Quasi 3 modes	○	○		On-chip 2 input switches	SZIP24
☆BA7796FS	7.5~12.5	○		Quasi 3 modes	○	○		On-chip 3 input switches, RECEQ Coil	SSOP-A24
☆BA7797	7.5~12.5	○		1 modes	○	○		On-chip 2 input switches, RECEQ Coil	SOP-18
☆BA7798	7.5~12.5			1 modes	○	○		On-chip RECEQ Coil	SSOP-A16

Note : 1.☆Under Development

●High voltage head switch

Part No.	Supply voltage range (V)	Function/Feature	Package
BA7755A/AF	4~13	DC maximum withstand voltage $\pm 65V$. AC maximum withstand voltage : 120Vpp. 2 control-terminals as current-control type and voltage-control type.	SIP5/SOP8

Video/Audio switch

●VTR signal switch

Part No.	Supply voltage range (V)	Circuit	Clamp	6dB amplifier	75Ω driver	Muting	Remarks	Package	
BA7001	8~13	2 inputs	1 circuit	○		○	Small difference in output DC.	SIP8	
BA7131F	5						○	Good low voltage characteristics.	SOP8
BA7605N	5						○	Good frequency characteristics.	SIP10
BA7603/F	5	3 circuits	○				Good frequency characteristics.	DIP16/SOP16	
BA7606/F	5						○	Pedestal clamp.	DIP16/SOP16
BA7021	5	3 inputs	1 circuit	○		○	Good low voltage characteristics.	SIP9	
BA7611AN	4.5~13			○	○	○	Wide dynamic range.	SIP8	
BA7612N	4.5~13			○	○	○	Wide dynamic range.	SIP8	
BA7613N	4.5~13			○	○	○	Wide dynamic range.	SIP8	
☆BA7652AF	4.0~7.7			○		○	Does not require large clamp capacitor (103. Typ.)	SOP8	
☆BA7653AF	4.0~7.7			○				SOP8	
BA7645N	4.5~13			4 inputs	○		○	Wide dynamic range.	SIP10
BA7649A/AF	4.5~13	5 inputs	○			Wide dynamic range.	DIP14/SOP14		
BA7625	5	5 inputs into 2 circuits to 1 monitor output.	○	○			For AV amplifier.	DIP16	
BA7626	5	5 inputs to 1 output.		○			For AV amplifier.	DIP16	

●Video/audio signal switch

Part No.	Supply voltage range (V)	Internal circuits	Clamp	6dB amplifier	75Ω driver	Muting	Remarks	Package
BA7604N	5	2 inputs	2 circuits				Good frequency characteristics. Wide dynamic range. Small distortion rate. Low power consumption.	SIP10
BA7608N	5							1 circuit
BA7609/F	5		3 circuits	1 circuit				DIP16/SOP16
BA7607/F	5			2 circuits				DIP16/SOP16
BA7602/F	5			2 circuits				DIP16/SOP16
☆BA7627FV	5						SSOP-B16	
BA7644AN	4.5~13	4 inputs	1 circuit				SIP10	
BA7026L	8~13	4 inputs	2 circuits				Applying DIN standard	ZIP16
BA7028A	8~13		3 circuits				Applying DIN standard	DIP22

●Audio signal switch

Part No.	Supply voltage range (V)	Function	Format	Internal circuits	Simul cast	Second audio program	Muting	Package
BA7058LS	7~13	Output switch	2ch	2 lines 3 inputs and 2 lines 4 outputs			○	SZIP24
BA7730S/31S	7~12.5 ± 5	In/out switch	2ch	3 lines 5 inputs and 2 lines 4 outputs 2 lines 4 inputs and 2 lines 4 outputs	○	○	○	SDIP32
BH7733S	9V, ± 5	Input switch	2ch	6 lines 10 inputs and 2 lines 4 outputs	○	○	○	SDIP24