

## Speaker/headphone amplifiers for portable equipment

Part No.	Supply voltage (V)	Application	Headphone amplifier with EVR	Speaker amplifier	Remarks	Package
<b>New</b> BA7785FS	3~6	Camcorder, LCD TV	Stereo output	Monaural output	Two speaker input systems	SSOP-A20
<b>New</b> BA7786FP-Y	4.5~5.5	Notebook computer	Stereo output	Stereo output	Anti-pop, suspend function. Two BEEP input systems.	HSOP25
<b>New</b> BA7787FS	4.5~5.5	Notebook computer	Stereo output	Monaural output	Anti-pop, suspend function. Two BEEP input systems.	SSOP-A20

## Video/Audio switch

### ●VCR signal selection switch

Part No.	Supply voltage (V)	Internal circuits	Clamp	6dB amplifier	75Ω driver	Muting function	Remarks	Package						
BA7001	8~13	2 contact points	○	○	○	○	Small difference in output DC.	SIP8						
BA7131F	5						1 circuit	○	○	○	Good low voltage characteristics.	SOP8		
BA7654F	4.0~7.7						1 circuit	○	○	○	Does not require large clamp capacitor.	SOP8		
BA7605N	5						2 circuits	○	○	○	Good frequency characteristics.	SIP10		
BA7603/F	5						3 circuits	○	○	○	Good frequency characteristics.	DIP16/SOP16		
BA7606/F	5							○	○	○	Pedestal clamp.	DIP16/SOP16		
BA7021	5	3 contact points	○	○	○	○	-	SIP9						
BA7611AN	4.5~13						1 circuit	○	○	○	○	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 contact points to	○	○	○	○	Wide dynamic range.	SIP10
BA7649A/AF	4.5~13							5 contact points to	○	○	○	○	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 selection switch

Part No.	Supply voltage (V)	Internal circuits	Clamp	Remarks	Package		
BA7604N	5	2 contact points	○	Good frequency characteristics. Wide dynamic range. Low distortion rate. Low power consumption.	SIP10		
BA7608N	5				2 circuits	1 circuit	SIP10
BA7609/F	5				1 circuit	DIP16/SOP16	
BA7607/F	5				3 circuits	2 circuits	DIP16/SOP16
BA7602/F	5					DIP16/SOP16	
BA7627FV	5				2 circuits	SSOP-B16	
BA7644AN	4.5~13	4 contact points	1 circuit	SIP10			

## Signal selection switch for Canalplus broadcast

### ●For video signal

Part No.	Supply voltage (V)	Internal circuits	Clamp	6dB amplifier	Remarks	Package
BA7630S/F	5	VCR switch meeting scrambled broadcasting decoder.	○	○	Built-in 9 bit serial/parallel converter	SDIP22/SOP28

### ●For audio signal

Part No.	Supply voltage (V)	Function	Features	Package
BA7631/F	12	VCR audio switch meeting scrambled broadcasting decoder.	Wide dynamic range. Small distortion. Voice signals can be switched by a single chip.	DIP16/SOP16
BA7632AF	12		BA7631F with 140KΩ input impedance	SOP16

### ●For video/audio signal

Part No.	Supply voltage (V)	Function				Features	Package
			Clamp	6dB amplifier	75Ω driver		
<b>New</b> BH7634AS	12	I <sup>2</sup> C bus control scrambled broadcasting decoder switch	○	○	○	Internal video/audio signal selector switch	SDIP24