

●CD-G decoder

Part No.	Supply voltage (V)	Features	Package
☆BU9340K	4.5~5.5	Linear RGB high speed DAC. Reset on disk change. No microcontroller required	QFP64

Note : ☆:Under development

●VCO for CD-ROM

Part No.	Supply voltage (V)	Function	Features	Package
BA7042	5	VCO, with sensitivity adjustment function	Central frequency can be set externally. Frequency control sensitivity can be set externally (Built-in sensitivity control amp.)	DIP8
BA7082F	5	Sensitivity adjusting amp, 1/2 divider, VCO with SW	Central frequency and control sensitivity can be set externally. Three built-in control sensitivity switching circuits. Max oscillation frequency 60 MHz or greater.	SOP16

●Post amplifier

Part No.	Supply voltage (V)	Function	Muting		LPF	Features	Package
BH3561AF	4.5~8	Applicable with single bit DAC	○	○	○	Built-in resistor for LPF	SOP22
New BH3562F	3.1~5.5	Applicable with single bit DAC	○	○	○	Built-in resistor for LPF	SOP22
BH3563FV	3.1~5.5	Applicable with single bit DAC	○	○	○	Built-in resistor for LPF, Compact package	SSOP-B20

●Headphone amplifier for CD-ROM

Part No.	Vcc	Function					Number of circuits	Features	Package
		Line output	EVR	Output (RL=32Ω)	Output (RL=16Ω)	Muting			
BA3530FS	4.5~5.5V	○	○	20mW	40mW	○	2	Gain can be fine-adjusted with an external resistor	SSOP-A16
BH3540AFS	4.5~5.5V	○	○	20mW	40mW	○	2	Gain fix Gvc=3.74dB	SSOP-A16

●Peripheral IC of portable CD player

Part No.	Supply voltage (V)	Function	Features	Package
BA3124F	1.7~7.0	Line output muting	4 channels, 63dB muting attenuation	SOP8
BA3890F	2.9~3.6	Pulse width control	Controls pulse width in proportion to battery voltage	SOP8
BA3990F	2.5~4.5	Ripple filter	I _o =0~18mA RR=38dB	SOP8
BA6656FV	1.2~8.5	Step-up DC/DC converter+step-down regulator+reset circuit		SSOP-B20

●1ch~3ch CD/CD-ROM driver

Part No.	Supply voltage (V)	Power dissipation (W)	Output		Output system	Number of circuits	Muting	Operational amplifier	Regulator	Features	Package
			(V _{p-p})	Condition							
BA5932FP	4.5~13.5	1.8	8.5	12V,8Ω	BTL	3		○		Separate power supplies loading driver, differential input.	HSOP28
BA5933FP-Y	4.5~13.2	1.45	3.0	5V,8Ω		3	all ch	○	○*1	Compact package, stand-by function.	HSOP25
New BA6195/FP-Y	4.5~13.5	1.45★	5.4	8V,8Ω		1	all ch	○		Single channel version of BA6790+op. amp	DIP16/HSOP25
BA6295BFP	7.5~18	1.7★	6.2	10V,8Ω		2	all ch			Suitable for car audio.	HSOP28
BA6792FP/FP-Y	4.5~13.5V	1.7	5.5	8V,8Ω		2	all ch			Wide dynamic range	HSOP28/HSOP25
New BA5991FP	4~14	1.7★	6.1	8V,8Ω	H bridge	3	2ch/1ch	○		Wide dynamic range	HSOP28
New BA6199FP	4~11	1.7★	6	8V,8Ω		3	2ch/1ch	○	○*1	Provides reset output.	HSOP28
New BA6780	7~16	1.25	6.5	10V,8Ω	BTL/H bridge	2	each ch			One channel is for BTL system electronic governor. Operates with negative voltage.	DIP18

Notes : 1. Regulator marked with *1 is operable at above 6V.
 2. ★Value measured under actual operating conditions.