

●4ch CD/CD-ROM driver

| Part No. | Supply voltage (V) | Power dissipation (W) | Output | | Output system | Number of circuits | Muting pin | Operational amplifier | Regulator | Features | Package | | |
|---------------------|--------------------|-----------------------|--------|-----------|---------------|--------------------|------------|-----------------------|-----------|--|---|--|----------|
| | | | (Vp-p) | Condition | | | | | | | | | |
| BH6500AK | 1.6~4.5 | 0.5 | 2.1 | 2.4V,8Ω | PWM | 4 | ○ | ○ | ○*1 | Few external components. High efficiency. | QFP44 | | |
| New BH6504K | 1.6~4.5 | 0.5 | 2.1 | 2.4V,8Ω | | 4 | ○ | ○ | | Few external components. High efficiency. Muting for two channels. | QFP44 | | |
| New BH6505K | 1.6~4.5 | 0.5 | 2.1 | 2.4V,8Ω | | 4 | ○ | ○ | | Few external components. High efficiency. Double speed drives. | QFP44 | | |
| New BH6510FS | 2.7~5.5 | 0.85 | 2.7 | 3V,8Ω | | 4 | ○ | | | Low ON resistance. Applicable to digital servo. | SSOP-A32 | | |
| New BH6511FS | 2.7~5.5 | 0.85 | 4.5 | 5V,8Ω | | 4 | ○ | | | Designed for 5V set, with Built-in charge pump. | SSOP-A32 | | |
| BH6512FS | 2.4~5.5 | 0.85 | 2.7 | 3V,8Ω | | 4 | all ch | | | Built-in charge pump. | SSOP-A32 | | |
| BA5913FP-Y | 4.3~6.6 | 1.45 | 3.6 | 5V,8Ω | BTL | 4 | | ○ | | Stand-by function. | HSOP25 | | |
| BA5914FP | 4.3~9 | 1.7 | 3.55 | | | 4 | 1ch | ○ | | | | HSOP28 | |
| BA5921FP | 4.3~6.6 | 1.7 | 3.6 | | | 4 | ○ | ○ | | | Wide dynamic range | HSOP28 | |
| BA5923FP | 4.3~6.6 | 1.7 | 3.6 | | | 4 | all ch | ○ | | | | HSOP28 | |
| BA5924FP | 4.3~9 | 1.7 | 3.6 | 4 | | ○ | ○ | | | Wide dynamic range | HSOP28 | | |
| BA5931FP | 4.5~13.2 | 1.7 | 5.6 | 8V,8Ω | | 4 | LOGIC | | | | Built-in loading driver. Wide dynamic range. | HSOP28 | |
| BA5934FP | 4.5~13.2 | 1.7 | 5.6 | | | 4 | 1ch | | | | | HSOP28 | |
| BA5941FP | 4.5~13.2 | 1.7 | 4.8 | | | 4 | all ch | ○ | | | | HSOP28 | |
| BA5952FP | 4.3~13.2 | 1.7W | 4 | 5V,8Ω | | 4 | all ch | 1ch | | | 2-channel current driver. | HSOP28 | |
| BA5970FP | 4.5~13.2 | 1.7W | 4 | | | 4 | 2ch, 2ch | all ch | | | | HSOP28 | |
| BA5971FP | 4.5~13.2 | 1.7W | 6 | 8V,8Ω | | 4 | 2ch, 1ch | 3ch | ○*2 | | With bias selector SW. Complete with built-in regulator (Ireg max=50mA), and no external transistor is necessary. | HSOP28 | |
| BA5972FP | 4.5~13.2 | 1.7W | 4 | | | 5V,8Ω | 4 | all ch | all ch | | | With Stand-by function | HSOP28 |
| BA6196FP | 5.5~12 | 1.7★ | 3.8 | | 8V,8Ω | 4 | ○ | ○ | ○*1 | | Few external components. | HSOP28 | |
| BA6197FP | 5.5~10 | 1.7★ | 4.3 | | | 4 | ○ | ○ | ○*1 | | High input resistance with TSD reset | HSOP28 | |
| BA6198S/FP | 5.5~9 | 1.7★ | 4.3 | | | 4 | ○ | ○ | ○*1 | | BA6398 with Vreg. drop reset | SDIP32/HSOP28 | |
| BA6297AFP | 6~9 | 1.7★ | 4.5 | | | 4 | ○ | | | | Applicable to digital servo. | HSOP28 | |
| BA6392FP | 6~9 | 1.7★ | 4.3 | | | 4 | ○ | | | | Applicable digital servo. Few external components. | HSOP28 | |
| BA6397FP | 4.5~9 | 1.7★ | 4.3 | | | 4 | ○ | ○ | ○*1 | | BA6398FP without Vcc muting | HSOP28 | |
| BA6398FP | 5.5~9 | 1.7★ | 4.3 | | | 4 | ○ | ○ | ○*1 | | Standard | HSOP28 | |
| BA6790FP | 4.5~9 | 1.7★ | 5.4 | | | 4 | ○ | ○ | ○*1 | | Wide dynamic range | HSOP28 | |
| BA6791FP | 4.5~13.2 | 1.7 | 5.4 | | | 4 | ○ | ○ | ○*1 | | Wide dynamic range | HSOP28 | |
| BA6793FP | 4.5~14 | 1.7 | 8.3 | | | 12V,10Ω | 4 | ○ | ○ | ○*1 | | Two separate power supply systems (2ch, 2ch) | HSOP28 |
| BA6797FP/FM | 4.5~12 | 1.8/2.2★ | 5.4 | 8V,8Ω | | 4 | ○ | ○ | ○*1 | | Every channel is equipped with operation amp. Also applicable with digital servo. | HSOP28/HSOP-M28 | |
| BA6798S | 5.5~14 | 3.1 | 4.3 | | | 4 | ○ | ○ | ○*1 | | Large package power | SDIP-M24 | |
| BA6896FP | 5.5~14 | 1.7★ | 4.3 | | 4 | ○ | ○ | ○*1 | | BA6396 with op. Amp with improved dynamic range up | HSOP28 | | |
| BA6897S/FP | 4.5~9 | 1.7 | 4.3 | | 4 | ○ | ○ | ○*1 | | DIP package | SDIP32/HSOP28 | | |
| BA6997FP/FM | 4.5~12 | 1.8/2.2 | 5.4 | | 4 | ○ | ○ | ○*1 | | Large package power | HSOP28/HSOP-M28 | | |
| BA5950FP | 4.5~13.5 | 1.8★ | 5.6 | | 8V,8Ω | H bridge | 4 | ○ | ○ | | Digital servo, adjustable gain setting | HSOP28 | |
| BA5998FP | 5.5~14 | 1.8★ | 5.4 | | | | 4 | ○ | ○ | ○*1 | | 3ch H bridge + 1ch reversible | HSOP28 |
| BA6299FP | 4~11 | 1.7★ | 6 | | | | 4 | ○ | ○ | ○*1 | | Few external components. Suitable for car audio. | HSOP28 |
| BA6394FP | 3.1~11 | 1.7★ | 6 | | | | 4 | ○ | ○ | | | Low operating voltage: 3.5V | HSOP28 |
| BA6892FP | 1.5~9 | 1.8★ | 5.6 | | | | 4 | ○ | ○ | | | Low operating voltage | HSOP28 |
| BA6899AS | 4~14 | 3.1 | 6 | | | | 4 | ○ | ○ | ○*1 | | Large package power | SDIP-M24 |

Notes : 1. Regulator marked with *1 is operable at above 6V.
 2. Regulator marked with *2 is operable at above 7.5V.
 3. ★: Value measured under actual operating conditions.

●5ch, 6ch CD/CD-ROM driver

| Part No. | Supply voltage (V) | Power dissipation (W) | Output | | Output system | Number of circuits | Muting pin | Operational amplifier | Regulator | Features | Package | |
|-----------|--------------------|-----------------------|----------|-----------|---------------|--------------------|------------|-----------------------|-----------|---|--|--------|
| | | | (Vp-p) | Condition | | | | | | | | |
| BA5936S | 4.5~13.2 | 1.7 | ACT 4.8 | 8V,8Ω | BTL | 6 | 4ch | | ○ | Complete with regulator ground protection circuit | SDIP32 | |
| BA6395AFP | 4.8~12*1 | 1.7★ | Load 5.7 | | | 5 | all ch | | ○ | | Loading capability | HSOP28 |
| BA6795FP | 4.8~12*1 | 1.7★ | 4.3 | | | 5 | all ch | | ○ | | Loading capability. Adjustable with external gain. | HSOP28 |
| BA6796FP | 4.8~12 | 1.7★ | 4.3 | | | 5 | LOGIC | ○ | | | Loading capability | HSOP28 |
| BA6995FP | 5.0~12V | 1.8 | 5.4 | | | 5 | LOGIC | ○ | | | Loading capability. Wide dynamic range | HSOP28 |
| BA6996FP | 4.5~12V | 1.7 | 4.3 | | | 5 | LOGIC | ○ | | | Loading capability. Compatible with 3.3V servo. | HSOP28 |

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