

●ALC

| Part No. | Supply voltage range (V) | Feature | Package |
|--------------|--------------------------|---|---------|
| New BA8221AN | 12 | 2ch transistor array of level control with desable pin. | SIP8 |

●Line amplifier

| Part No. | Application | | Number of circuit | Gvc (dB) | Remarks | Supply voltage range (V) | Package |
|----------|-------------------------|-----------|-------------------|----------|--|--------------------------|---------|
| | Radio cassette recorder | Car audio | | | | | |
| BA3114 | ■ | ■ | 2 | 20 | Fixed gain type. Low cross talk : 65dB. THD : 0.07% | 6~16 | SIP8 |
| BA3118L | ■ | ■ | 2 | 6~20 | Gain setting without external resister. | 4~16 | ZIP18 |

●Pre power amplifier for headphone stereo

| Part No. | Application | Pre amplifier | Function | | | | | Feature | Supply voltage range (V) | Package | |
|--------------|---------------------|---------------|-----------------|-----------------|----------------|-----|--------------|---------|--|-------------|------------------|
| | | | Power amplifier | | | EVR | Input switch | | | | Equalizer switch |
| | | | Output (RL=16Ω) | Output (RL=32Ω) | GAIN (dB) | | | | | | |
| BA3506A/AF | 3V headphone stereo | 2ch | 69mW × 2 | - | 36 | | | | 1.8~3.8 | DIP16/SOP18 | |
| BA3513AF/AFS | | | 40mW × 2 | - | 26.7 | | ○ | ○ | Noise reduction. | 1.8~3.6 | SOP24/SSOP-A24 |
| BA3516/F | | | 40mW × 2 | - | 36 | | | | | 1.8~3.6 | DIP16/SOP18 |
| BA3518/F | | | 31mW × 2 | 18mW × 2 | 30 | | | | Output coupling cap. is not required. | 1.8~4.0 | DIP16/SOP16 |
| BA3519F/FS | | | 31mW × 2 | 18mW × 2 | 30 | | ○ | | Output coupling cap. is not required. | 1.8~4.0 | SOP22/SSOP-A24 |
| BA3520/F | | | 30mW × 2 | 18mW × 2 | 36 | | ○ | | Output coupling cap. is not required. | 1.8~4.0 | DIP18/SOP18 |
| BA3521 | | | 30mW × 2 | 18mW × 2 | 65 (Pre+Power) | | ○ | | In/out coupling cap. are not required. | 1.8~4.0 | DIP18 |

●Pre power governor for headphone stereo

| Part No. | Application | Pre amplifier | Function | | | | | | Feature | Supply voltage range (V) | Package | |
|----------|---------------------|---------------|-----------------|-----------------|-----------|-----|--------------|------------------|---------|---------------------------|---------|----------|
| | | | Power amplifier | | | EVR | Input switch | Equalizer switch | | | | Governor |
| | | | Output (RL=16Ω) | Output (RL=32Ω) | GAIN (dB) | | | | | | | |
| BA3528FP | 3V headphone stereo | 2ch | 34mW × 2 | 20mW × 2 | 36 | | | ○ | ○ | | 1.8~6.0 | HSOP28 |
| BA3529FP | | | 34mW × 2 | 20mW × 2 | 27 | | | ○ | ○ | Applying noise reduction. | 1.8~6.0 | HSOP28 |

●Power amplifier

| Part No. | Application | | Function | | | | | | | Feature | Supply voltage range (V) | Package | |
|-----------|-------------------------|------------------|-------------------|--------------|---------|--------|-----|-----------------|--------|---------|---|---------|-------------|
| | Radio cassette recorder | Headphone stereo | Number of circuit | Output power | Vcc (V) | RL (Ω) | TSD | Stand-by switch | Muting | | | | |
| BA5152F | | ■1.5V | 2 | 15mW | 1.5 | 16 | | | ○ | ○ | Gain 21dB. Built-in power switch circuit. | 1~1.8 | SOP16 |
| BA5204/F | | ■3.0V | 2 | 35mW | 3 | 32 | | | | | Gain 35dB. | 1.8~6 | ZIP16/SOP16 |
| BA5206BF | | ■3.0V | 2 | 64mW | 3 | 16 | | | | ○ | Gain 35dB. | 1.8~4.5 | SOP16 |
| BA526 | ■ | | 1 | 0.43W | 6 | 8 | | | | | Low noise. | 2~9 | SIP9 |
| BA527 | ■ | | 1 | 0.8W | 6 | 4 | | | | | High ripple rejection. | 2.8~9 | SIP9 |
| BA534 | ■ | | 1 | 2.3W | 9 | 4 | | | | | | 4.5~14 | HSIP10 |
| | | | | 2.8W | | 3 | | | | | | | |
| BA5406 | ■ | | 2 | 5W | 12 | 3 | | | | | | 5~15 | SIP-M12 |
| | | | | | | | | | | | | | |
| BA5410 | ■ | | 2 | 2.9W | 12 | 9 | 3 | ○ | ○ | | | 6~14 | HSIP10 |
| | | | | 5.2W | | 3 | | | | | | | |
| BA5415 | ■ | | 2 | 2.5W | 12 | 9 | 3 | ○ | ○ | | | 5~18 | SIP-M12 |
| | | | | 5.4W | | 3 | | | | | | | |
| BA5413 | ■ | | 2 | 5.4W | 12 | 3 | ○ | ○ | | | | 5~15 | HSIP-B12 |
| BA546 | ■ | | 1 | 0.33W | 6 | 8 | | | | | Low current consumption. | 2~9 | SIP9 |
| ☆BA5210FS | ■ | ■3.3V | 2 | 300mW | 3.3 | 8 | ○ | ○ | ○ | | BTL/stereo selector circuit built in | 2.5~4.5 | SSOP-A16 |

Note : ☆:Under development