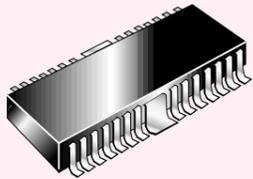
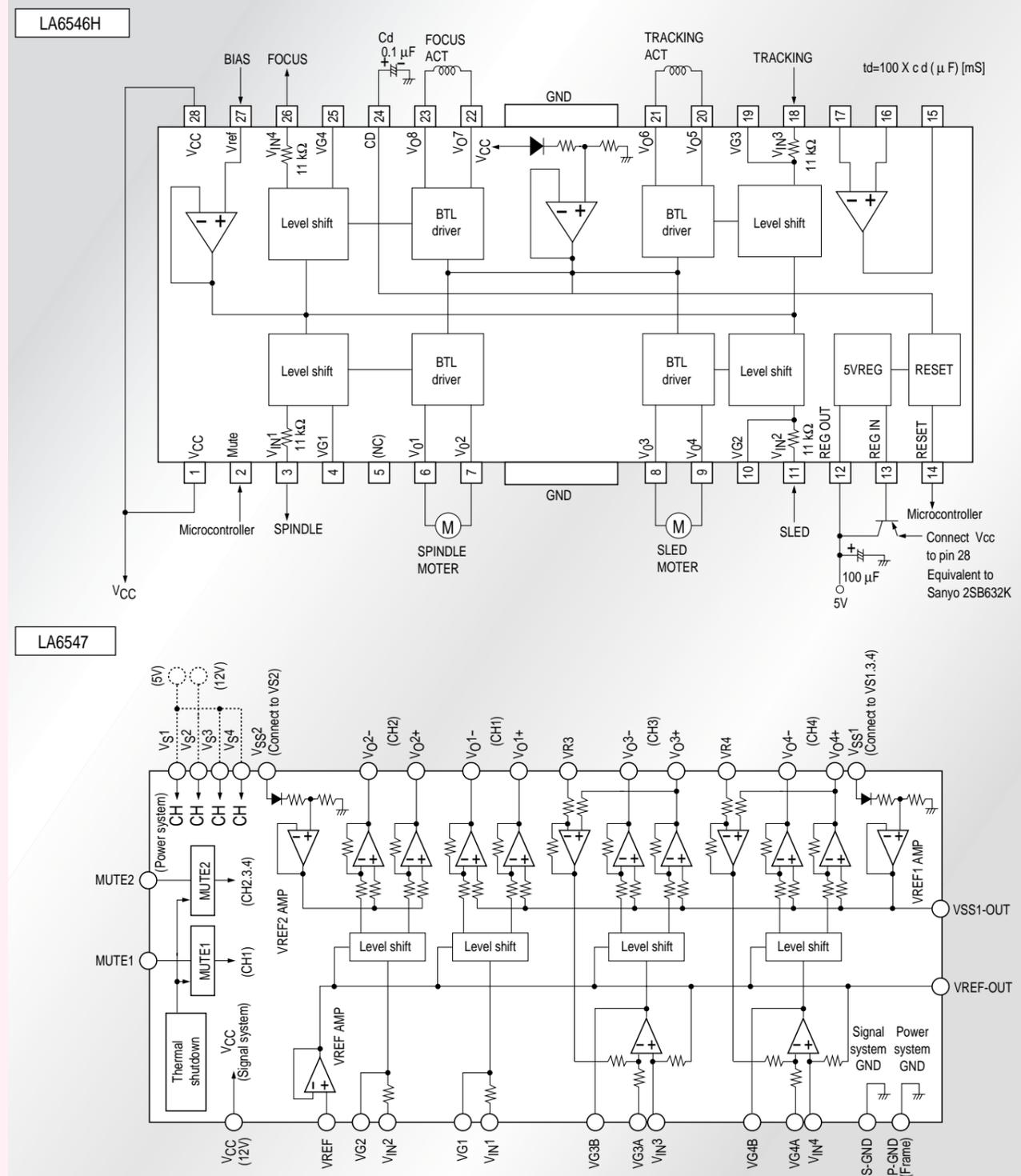
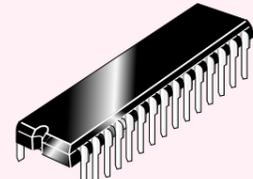
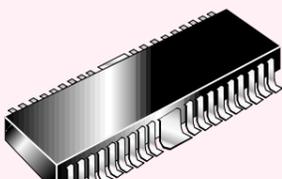


Bridge Connection Power Operational Amplifiers

4-Channel

○ : New products
* : Under development

| Type No. | Functions | I _o max (A) | P _d max (W) | V _{cc} max (V) | Package | Equivalent circuit block diagram and sample application circuit |
|-----------|--|------------------------|------------------------|-------------------------|---|--|
| ○ LA6546H | <ul style="list-style-type: none"> Built-in 4-output power amplifier (BTL: 4 Channels) Operational amplifier circuit built in Built-in muting circuits All 4 channels controlled by the Mute pin only 5.0 V regulator built in External output transistor required Reset circuit built in Level shifter built in <p># With 76.1 X 114.3 X 1.6 mm³ heat sink (glass epoxy)</p> | 0.7 | 0.85 2.34# | 13 | <p>HSOP28H</p>  | <p>Equivalent circuit block diagram and sample application circuit</p>  <p>The diagram shows the internal structure of the LA6546H and LA6547. The LA6546H section includes a 5V regulator, a reset circuit, and four BTL drivers with level shifters. The LA6547 section shows four channels with level shifters and thermal shutdown protection. Pin connections for VCC, GND, and various control pins are detailed.</p> |
| ○ LA6546D | <ul style="list-style-type: none"> DIP-30SD version of the LA6546H <p># With 76.1 X 114.3 X 1.6 mm³ heat sink (glass epoxy)</p> | 0.7 | 1.5 2.5# | 13 | <p>DIP30SD</p>  | |
| *LA6547 | <ul style="list-style-type: none"> Built-in 4-output power amplifier (BTL: Of the 4 channels, two are current feedback circuits) Built-in muting circuits The MUTE 1 pin controls channel 1. The MUTE 2 pin controls channels 2 to 4 Low saturation type <p># With 76.1 X 114.3 X 1.6 mm³ heat sink (glass epoxy)</p> | 1.0 | 0.9 2.1# | 13 | <p>HSOP36</p>  | |