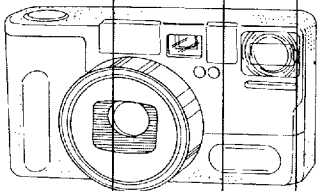
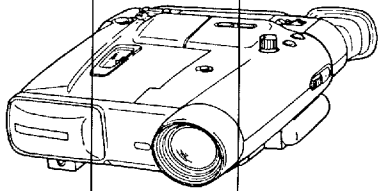
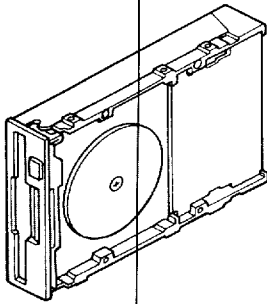


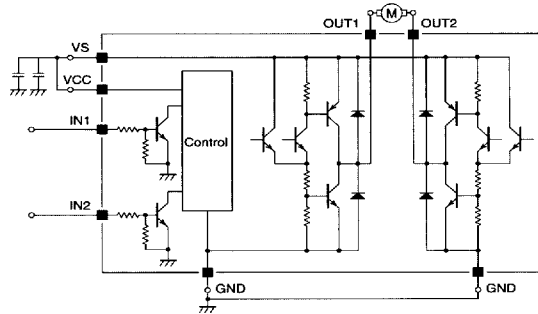
SANYO SEMICONDUCTOR CORP 63E D ■ 7997076 0010932 6T7 ■ TSAJ

# Low-Voltage, Low-Saturation, Bidirectional Motor Drivers

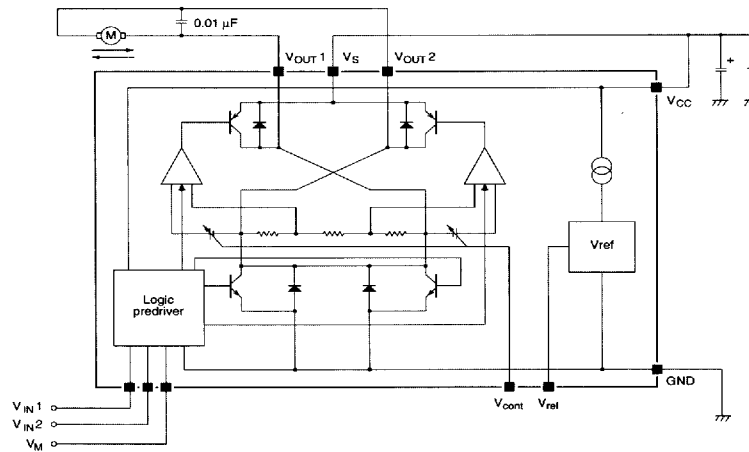
| Part number                                                                         | Package                                   | V <sub>CC</sub> (V)                                  | Output current I <sub>O</sub> (max-A) | P <sub>d</sub> (W)        | CH               | Description                                                                                                                                                                                                                                                |
|-------------------------------------------------------------------------------------|-------------------------------------------|------------------------------------------------------|---------------------------------------|---------------------------|------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| LB1634M<br>LB1635M<br>LB1638<br>LB1638M                                             | MFP-16FS<br>MFP-10S<br>DIP-10S<br>MFP-10S | 2.5 to 7.0<br>2.5 to 7.0<br>2.5 to 7.0<br>2.5 to 7.0 | 2.0<br>0.5<br>1.0<br>1.0              | 0.9<br>0.3<br>1.0<br>0.44 | 1<br>1<br>1<br>1 | <ul style="list-style-type: none"> <li>• Braking function</li> <li>• Ideal for compact form-factor applications (cassette decks, tape recorders, small appliances)</li> <li>• Surface-mount compatible</li> <li>• High-current drive capability</li> </ul> |
|   |                                           |                                                      |                                       |                           |                  |                                                                                                                                                                                                                                                            |
| LB1830M<br>LB1837M<br>LB1839M                                                       | MFP-10S<br>MFP-14S<br>MFP-14S             | 3.0 to 9.0<br>3.0 to 9.0<br>3.0 to 9.0               | 0.2<br>0.25<br>0.25                   | 0.4<br>0.8<br>0.8         | 1<br>2<br>2      | <ul style="list-style-type: none"> <li>• Braking function</li> <li>• Surface-mount compatible</li> <li>• Single-adjustment voltage control</li> </ul>                                                                                                      |
|   |                                           |                                                      |                                       |                           |                  |                                                                                                                                                                                                                                                            |
| LB1841V <sup>▽</sup><br>LB8620M                                                     | SSOP-20<br>MFP-30SLF                      | 3.0 to 10.5<br>4.5 to 7.0                            | 0.6<br>2.0                            | 0.8<br>1.0                | 1<br>2           |                                                                                                                                                                                                                                                            |
|  |                                           |                                                      |                                       |                           |                  |                                                                                                                                                                                                                                                            |

Equivalent block diagram/sample application circuit

LB1634M, 1635M, 1638, 1638M



LB1830M



LB1841V

