

7997076 SANYO SEMICONDUCTOR CORP

76C 01916

D T-52-13-07

# LB1450

monolithic digital IC

CIRCUIT DRAWING No.3056

## LED TUNING INDICATOR



3017B

### Use

3-area, 5-mode indicator of tuning condition of FM receiver by means of LED.

### Features

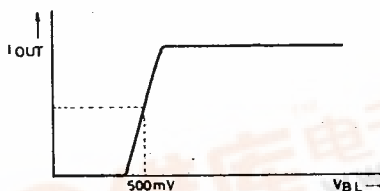
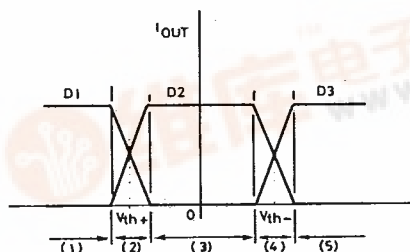
- 3 LEDs displaying 5 modes of tuning. Since the LED is driven by constant current, the LED current varies as shown below when 2 LEDs are lighted simultaneously. Therefore, this causes the brightness to vary, thereby enabling the dynamic indication.
- Since the threshold width of window comparator is variable externally, a desired tuning

width can be set.

- Since the LED current is changed-over linearly, there is no switching radiation.
- The LED unlighting pin makes blanking easy in the daytime or at the time of AM reception.
- Direct interface to IF IC (ex. LA1231, LA1140, etc.) using quadrature detection is enabled.
- SEP 9-pin package with small mounting area.

Mode LED lightingmode Tuning condition

Mode	LED lightingmode	Tuning condition
(1)	▶ ○ ◀	(-) Detuning
(2)	▶ ● ◀	Semituning
(3)	▶ ● ● ◀	Tuning
(4)	▶ ● ● ◀	Semituning
(5)	▶ ○ ◀	(+) Detuning
(6)	▶ ○ ◀	Blanking



# LB1601

monolithic digital IC

CIRCUIT DRAWING No.3059

## SERVO CONTROLLER FOR DC MOTOR



3005A

### Use

Revolution stabilizer for miniature dc motor of a cassette tape recorder, a tape recorder, a record player and a movie camera.

### Features

- Few peripheral parts.
- Stable revolution against voltage, torque and temperature.

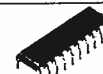
- Driver transistor installed.
- DC control system supplies a long life motor.

# LB1620

monolithic digital IC

CIRCUIT DRAWING No.3060

## DD MOTOR DRIVER



3021B

### Functions and Features

- 3-phase motor driver
- Capable of controlling drive current
- Built-in 3-phase control signal generator

- Phase/speed control pin
- Forward/reverse rotation control pin
- Applicable to  $\beta$ /VHS, NTSC/PAL/SECAM