

7997076 SANYO SEMICONDUCTOR CORP

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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.

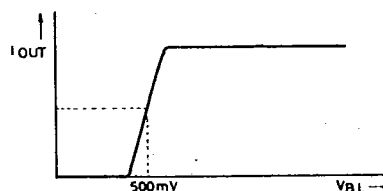
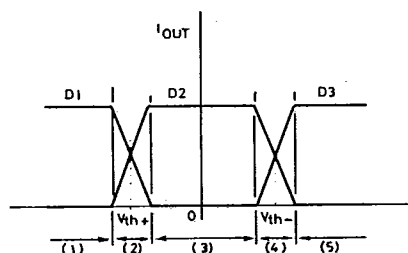
- Since the threshold width of window comparator is variable externally, a desired tuning

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

(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 β /VHS, NTSC/PAL/SECAM