

LB1252

monolithic digital IC

CIRCUIT DRAWING
No.3021**MICRO-PRINTER DRIVER ARRAY**

3003A

Features

- Small input current permitting small output current from LSI: $V_{IN}=6V$, $I_{IN}=400\mu A$ typ.
- Low threshold value of timing pulse detector: $-50mV$ typ.
- Small current dissipation because of timing pulse detector being turned off at standby state.
- Large drive current to be delivered to output stage transistors: 60mA min.

LB1253

monolithic digital IC

CIRCUIT DRAWING
No.3022**MICRO-DOT PRINTER DRIVER ARRAY**

3064

Features

- Small input current permitting small output current from LSI: $V_{IN}=6V$, $I_{IN}=400\mu A$ typ.
- Low threshold value of timing pulse detector: $-150mV$ typ.
- Small current dissipation because of timing pulse detector being turned off at standby state.
- Large drive current of output stage transistors: 55mA min.

LB1255

monolithic digital IC

CIRCUIT DRAWING
No.3023**ULTRA-COMPACT DOT PRINTER
(EPSON M-150 COMPATIBLE) DRIVER**

3007A

The LB1255 has peripheral circuits for a micro-dot printer M-150 (Epson-made). Predriver stages drive individual driver stages of the printing solenoids A, B, C, and D, motor, and motor brake. There is also a timing pulse detector. If low saturation transistors are used for output stages, the IC will provide all the functions of M-150 peripheral electric circuitry.

Features

- Small input current necessitates only a small output current from the LSI: $V_{IN}=5.5V$, $I_{IN}=400\mu A$ typ.
- Low threshold value for the timing detector: $-50mV$ typ.
- Timing detector is off at standby resulting in a low current consumption: $20\mu A$ max.
- A large driving current is provided by output transistors: 55mA min.

LB1256,1256M

monolithic digital IC

CIRCUIT DRAWING
No.3024**PRINTER DRIVER**

3007A(LB1256) 3036B(LB1256M)

LB1256 is a 7-circuit driver array, possessing high-current, low-saturating outputs. It has a motor driver circuit equipped with a brake circuit.

Features

- Has a large current capacity (400 mA) and a low saturation voltage (0.5V max.).
- Has a motor driver with a spark suppressor.
- Ideal for various battery-operated printer drivers.
- The LB1256M is a miniflat package version of the LB1256.