

# Panasonic

## 4ch Linear Driver IC AN41020A

### ■ Overview

AN41020A is a 4-channel driver IC incorporating a BTL system and suitable for table type CD and MD. Channel 1, 2 and 3 can be directly connected to PWM output of DSP

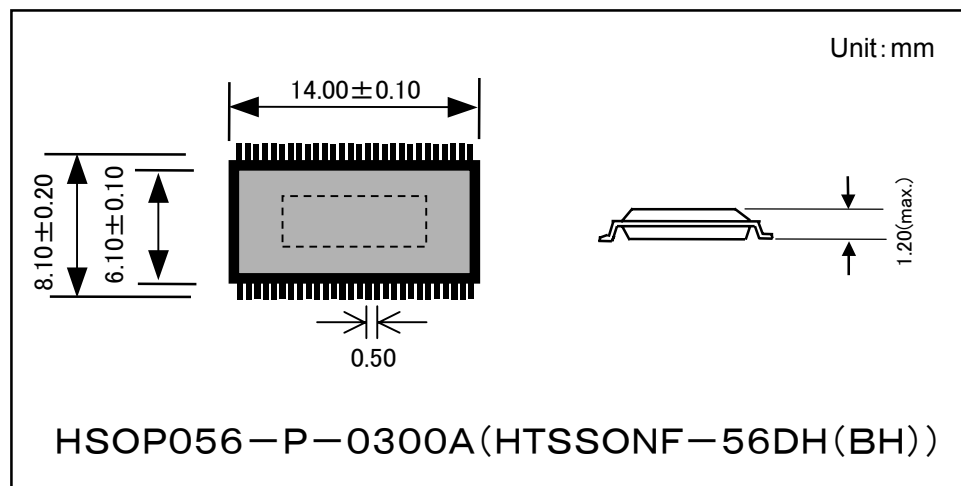
### ■ Feature

- A wide output dynamic range:
  - A maximum output voltage of 5.4 V(typ.)  
when  $PV_{CC}=SV_{CC}=8\text{ V}$  and  $RL=8\ \Omega$ .
  - A maximum output voltage of 3.4 V(typ.)  
when  $PV_{CC}=SV_{CC}=5\text{ V}$  and  $RL=8\ \Omega$ .
- Incorporating standby function that mutes all channels.
- Incorporating thermal shutdown circuit.
- Incorporating three power line systems.  
( $SV_{CC}$ ,  $PV_{CC1}$  for channels 1, 2 and 3,  $PV_{CC2}$  for channel 4)
- Only linear input can be accepted by channel 4,  
driver Input/Output gain can be set by external resistance.
- Suitable for 3.3 V DSP system.

### ■ Applications

Audio CD, MD and DVD-player actuator and motor driver applications.

### ■ Package



The products and specification are subject to change without any notice. Please ask for the latest Product Standards to guarantee the satisfaction of your product requirements.

Semiconductor Company, Matsushita Electronics Corporation

■ AN41020A Block diagram

