

Optical Storage (BD Recorder/Player and DVD Recorder/Player) System Solution

Jan. 31, 2012

Input/Output (Including UI, Sensors)

For wireless operation of devices

■ IR detecting unit for remote control

- Operating voltage: 2.7 to 5.5 V



■ Holderless-type IR detecting unit for remote control

- Operating voltage: 2.7 to 5.5 V
- Holderless form enables board mounting suited to the design of various set devices using a single model



For transmission of optical digital signals

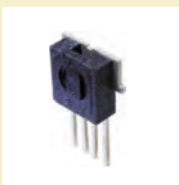
■ Fiber optic transmitter (optic fiber link)

- EIAJ RC-5702B-compliant square optical connector
- High-speed signal transfer type



For CD/DVD playback and recording

■ Two-wavelength high-power laser diode

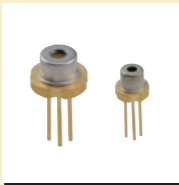


■ Hologram laser diode



For BD playback and recording

■ High-power blue-violet laser diode



Display

For LCD backlight

■ LED driver

- A lineup of LED drivers necessary for backlights in LCDs ranging from small- to large-size



For operation button lighting

■ Surface-mount LED

- 3 228 size



For image display

■ LCD module

- For further information, please contact one of our sales representatives.



Power Supply

For circuit voltage stabilization

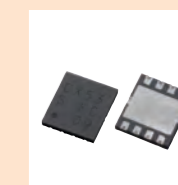
■ Low power-loss voltage regulator

- Compact
- Compatible with ceramic capacitors



■ CMOS chopper regulator (Bootstrap system)

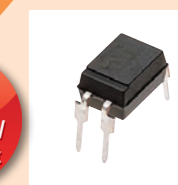
- High efficiency
- Chip employing CMOS process



For insulation of and transfer between high- and low-voltage sides of power supply

■ Photocoupler compliant with safety standards

Safety standard approved / compliant

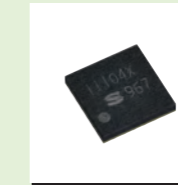


For TV broadcast reception

- Combination front-end units for digital terrestrial / digital satellite broadcasting
- Combination front-end units for digital terrestrial / digital analog terrestrial / digital satellite broadcasting



■ One-seg tuner module



For wireless LAN

■ Wireless LAN / Bluetooth combo module



- 2.4 GHz band power amplifier
- 5 GHz band power amplifier
- 2.4 GHz / 5 GHz band power amplifier



Mechanical Structure

For BD drive optical pickup position detection

■ Compact transmissive-type photointerrupter

- Compact, transmissive type
- Lineup of both board-insertion and surface-mount types

