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

**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

- **For wireless LAN**
  - Wireless LAN/Bluetooth combo module

**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

**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

**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**

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