
May 16, 2011

Key Features of Renesas Electronics' New PH5551A2NA1

- 6-pin clear mold SON small package: 1.56 mm × 2.55 mm × 0.55 mm
- Built-in 16-bit ADC
- I²C-Bus interface
- Spectral characteristics close to human eye sensitivity
- Illuminance range: 1 to 65,535 lx
- 2 types of slave addresses selectable
- Interrupt function
- Power-down function
- Resolution selection: 1 lx / 16 lx
- Supply current: active) 130 μA @ Ev = 100 lx, power-down) 1 μA max @ Ev = 100 lx
- Reflow soldering conditions: peak temperature (package surface temperature) 260 °C, twice maximum
- Pb-free product