S1R72005

On-The-Go device controller

- On-The-Go (Supplement to the USB2.0) Compliant
- 0.25μm CMOS Process technology
- Built-in UTMI 1.0 transceiver circuit
- USB2.0 / Full Speed mode support (12Mbps)

**DESCRIPTIONS**

S1R72005 is an USB (On-The-Go) device controller LSI based on the Universal Serial Bus Specification 2.0/Full Speed mode. S1R72005 can operate for Dual-Rol e Device by using Host / Device function and On-The-Go function in one chip. This product fits for PC peripherals equipment, and between USB equipment without PC.

**FEATURES**

- Built-in Host function, Device function and On-The-Go function
- USB 2.0/1.1 Compliant –Full Speed (12Mbps) support
- Control, Bulk, Interrupt, and Isochronous transmission
- 5 Endpoints and Endpoint 0
- fosc=12MHz (Built-in Oscillator circuit) or 12MHz/27MHz/48MHz clock input
- Supply voltage: 3.3V (I/O), 2.5V (Internal)
- Package: QFP13-64pin (Thin type/0.5mm pitch) and PFBGA-81 pin
- Wide range operation temperature: -40 degree to +85 degree.