

## On-The-Go device controller

- On-The-Go (Supplement to the USB2.0) compliant
- 0.25 $\mu$ m CMOS Process technology
- Built-in UTMI1.0 transceiver circuit
- USB2.0 / Full Speed mode support (12Mbps)

### DESCRIPTION

82C871 is an USB (On-The-Go) device controller LSI based on the Universal Serial Bus Specification 2.0/Full Speed mode. 82C871 can operate for Dual-Role 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

