

News Release : 次世代主機 XBOX 360 連線伙伴



3.3-V 10Base-T/100Base-TX

ICS1893BF

Integrated PHYceiver

支援工規工作溫度

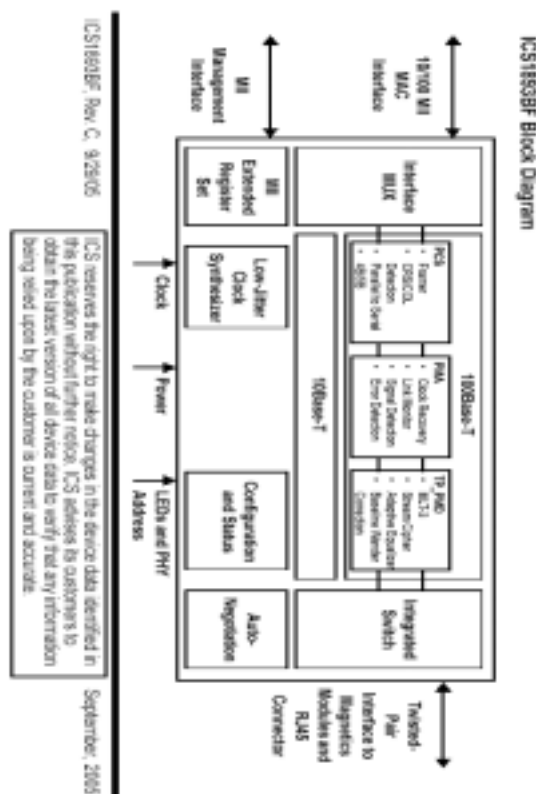
傳輸距離可達 130 公尺

-40 ~ 85

**Features**

- Supports category 5 cables with attenuation in excess of 24dB at 100 MHz.
- Single-chip, fully integrated PHY provides PCS, PMA, PMD, and AUTONEG sub layers functions of IEEE standard.
- 10Base-T and 100Base-TX IEEE 8802.3 compliant
- Single 3.3V power supply
- Highly configurable, supports:
  - Media Independent Interface (MII)
  - Auto-Negotiation with Parallel detection
  - Node applications, managed or unmanaged
  - 10M or 100M full and half-duplex modes
  - Loopback mode for Diagnostic Functions
  - Auto-MDI/MDIX crossover correction
- Low-power CMOS (typically 400 mW)
- Power-Down mode typically 21mW
- Clock and crystal supported
- Fully integrated, DSP-based PMD includes:
  - Adaptive equalization and baseline-wander correction
  - Transmit wave shaping and stream cipher scrambler
  - MLT-3 encoder and NRZ/NRZI encoder
- Small footprint 48-pin 300 mil. SSOP package
- Also available in small footprint 56-pin 8x8 MLF2 package
- Available in Industrial Temp and Lead Free

Applications: NIC cards, PC motherboards, switches, routers, DSL and cable modems, game machines, printers.



通訊, CPU, Clock, Memory

電源組件

BGA 腳座



- RISC process
- PCI-Express
- Telecom chip
- CLOCK & Osillator
- SRAM FIFO Dual port RAM
- Logic & Quick switch



AD/DC, DC/DC Converter



High reliability DC to DC Converter



On board DC/DC power Module



BGA Socket Adapter Systems



BGA IC Auto-Testing Socket



導電膠式 BGA、IC、Socket,價格合理交貨迅速



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