

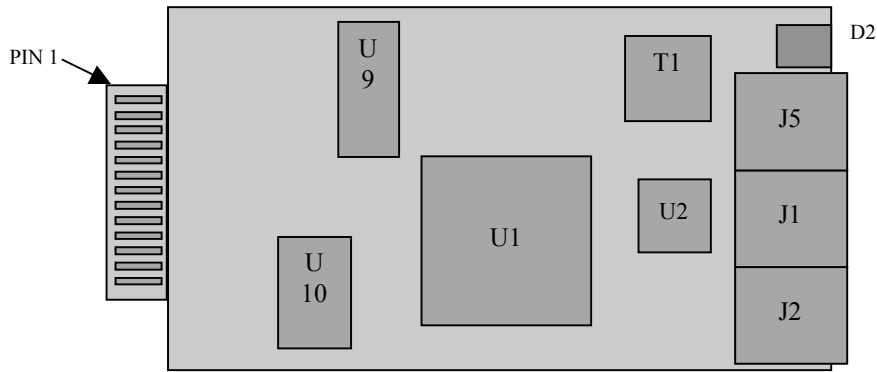


## XPRT SNMP Card Specifications

### Model # SNMP1

#### Hardware Specification

- :: **CPU**  
SAMSUNG S3C4510B 16/32-bit RISC microcontroller
- :: **Memory**  
Flash Memory – 16Mbits  
SDRAM – 128Mbits
- :: **Ethernet Connector**  
10 / 100 BaseT RJ-45, auto switch.
- :: **Power Input and Consumption**  
12V DC regulated , power consumption under 3 watts.
- :: **Size**  
118mm(L) x 89mm(W) x 23mm(H)
- :: **Network Interface**  
UTP Fast Ethernet 10/100BastT RJ-45, auto-sense
- :: **Display**  
Power, Diagnostic, TxD and RxD LEDs
- :: **Serial Port**  
Two high speed RS-232 ports, one used as a console port or connected to a MODEM allowing PPP dial-in and paging, another is a golden finger type serial port and connected to the UPS.
- :: **Extension Port**  
Allows connection to an extention device such as environment measurement through I2C.
- :: **Real Time Clock**  
Time can be adjusted by SNTP.
- :: **Firmware Upgradeable**  
Upgrades firmware via a web browser or TFTP.
- :: **Telnet Management**  
Allows management via telnet.
- :: **SNMP Network Management**  
Supports both SNMP v1 and v2. Supports RFC 1213 (MIB-II), RFC 1628 (UPS MIB) , and private UPS extension MIB. Compatible with any standard SNMP NMS such as HP OpenView, IBM NetView...
- :: **Web Network Management**  
Supports HTTP 1.0 protocol. Combined with HTML, JavaScript and Java Applet.
- :: **Setup/Configuration**  
Allows setup via telnet or console.
- :: **Operating Enviornment**  
0 to 60 degree C



- U1 : S3C4510B – Samsung 16/32 bits MCU
- U2 : Altima AC101 or AM79C874 – Ethernet Transceiver
- U9 : K4S281632D – 128Mbit SDRAM
- U10 : MX29LV160T – Flash Memory
- J1: 10/100BaseT RJ-45 Phone Jack
- J2: Modem or console port
- J5: Extension Port
- D2: Power / Diagnostic, Network Tx/Rx LEDs

**Golden Finger pin assignment description -**

PIN	Name	Description
1	GND	+12V GND
2	+12V	+12V Power
3	RXDUPS	Connect to UPS Rx signal
4	TXDUPS	Connect to UPS Tx signal
5	Not used	
6	Not used	
7	Not used	
8	SNMPSIG	SNMP Card Detect, Connect to pin-10
9	GND	+12V GND
10	+VCC	Provided by UPS

**J2 pin assignment description -**

Pin	Signal Name	Type
1	Not used	--
2	Receive (Rx)	In
3	Transmit (Tx)	Out
4	Data Terminal Ready	Out
5	Signal Ground (GND)	Power
6	Data Set Ready (DSR)	In
7	Not used	
8	Not used	

## J5 pin assignment description -

Pin	Signal Name	Type
1	Not used	--
2	Not used	--
3	Not used	--
4	Not used	--
5	Not used	--
6	GND	Power
7	I2C SCL	Out
8	I2C SDA	In/Out