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With the principle of "Quality Parts,Customers Priority,Honest Operation,and Considerate Service",our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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WIZ550S2E Datasheet

Overview

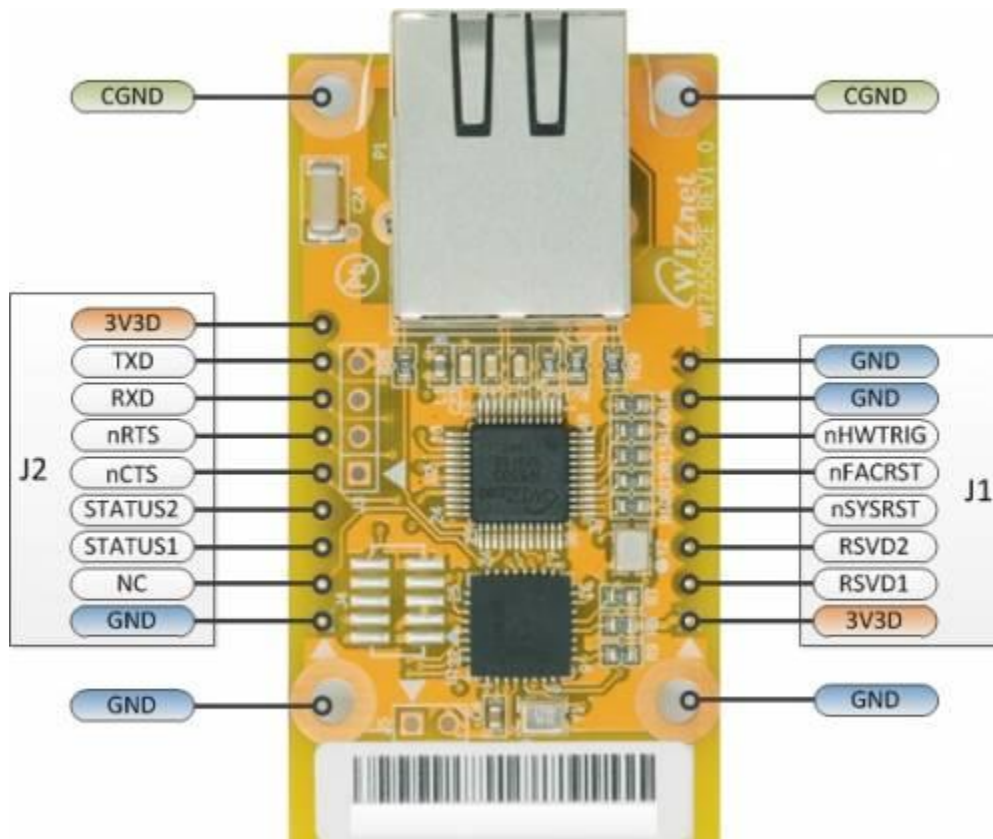
This page provides information about the hardware description of WIZ550S2E base on RS232 & RS422/485 Interface board as following:

- Basic Hardware Specification
- Operating Characteristics
- Reference Schematics
- Dimension information

Hardware Specification

WIZ550S2E

- MCU LPC11E36FHN33
- TCP/IP Controller W5500
- RJ45(Integrated Transformer)
- 2.54mm Header x2



Pin Description

Ref No.	Pin No.	Symbol	Type	Description
	1	3V3D	P	Supply DC+3.3V
	2	RSVD1	I/O	Reserved I/O
	3	RSVD2	I/O	Reserved I/O
	4	nSYSRST	I	System reset input. Active Low.
J1	5	nFACRST	I	Factory reset. Active Low > 5sec. Changing the settings of the module to the default value
	6	nHWTRIG	I	Hardware Trigger input Active Low.
	7	GND	P	Power Ground
	8	GND	P	Power Ground

Ref No.	Pin No.	Symbol	Type	Description
	1	GND	P	Power Ground
	2	NC	-	No connection
	3	STATUS1	O	Output for LED Display High and low once a second when operating
	4	STATUS2	O	Output for LED Display Low when operating
J2	5	nCTS	I	Clear To Send input for UART
	6	nRTS	O	Request To Send output for UART. This pin also serves as the RS485 control.
	7	RXD	I	Receiver input for UART
	8	TXD	O	Transmitter output for UART
	9	3V3D	P	Supply DC+3.3V

Characteristic

WIZ550S2E

Input Power DC +3.3V

Current Consumption 140mA(Typ.)

Operating Temperature -40 ~ 85 °C

Schematic

Item	Version	Schematic(PDF)	Schematic(CAD)
WIZ550S2E	1.1	Schematic PDF	Schematic ORCAD

Item	Version	Partlist	Gerber(Unit)
WIZ550S2E	1.1	Partlist PDF	Gerber

Dimension (Unit: mm)

