



**THE DATASHEET OF
WIZ550S2E**



WIZ550S2E Datasheet

Overview

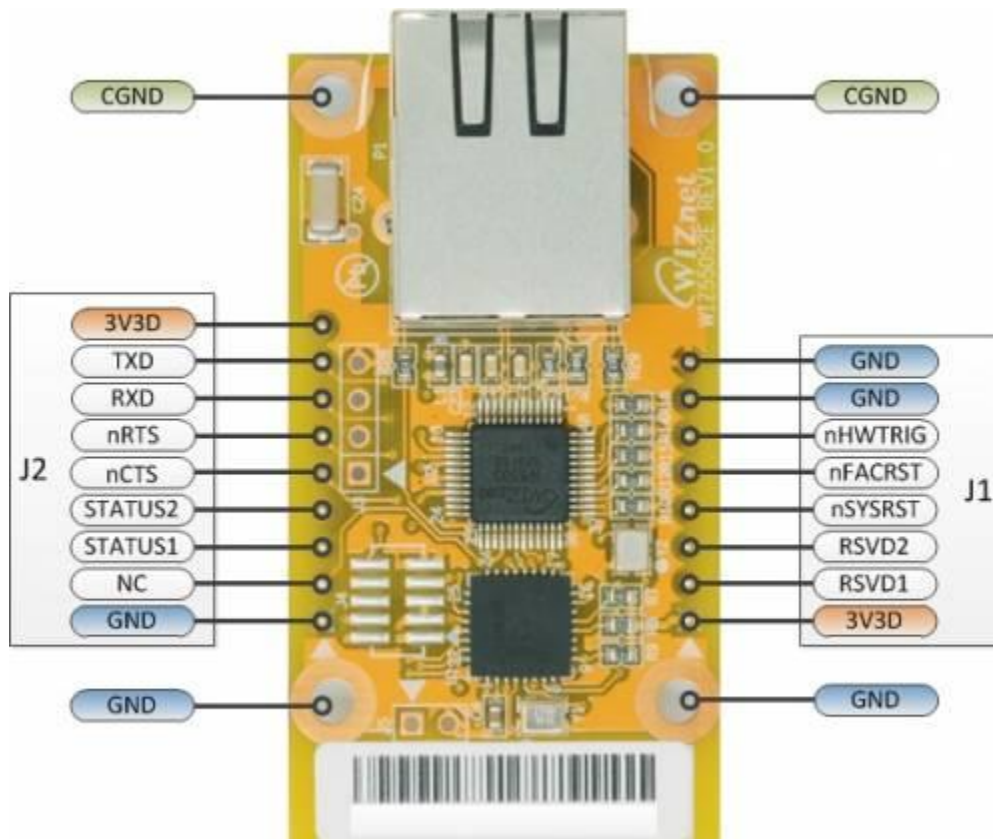
This page provides information about the hardware description of WIZ550S2E base on RS232 & RS422/485 Interface board as following:

- 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.)

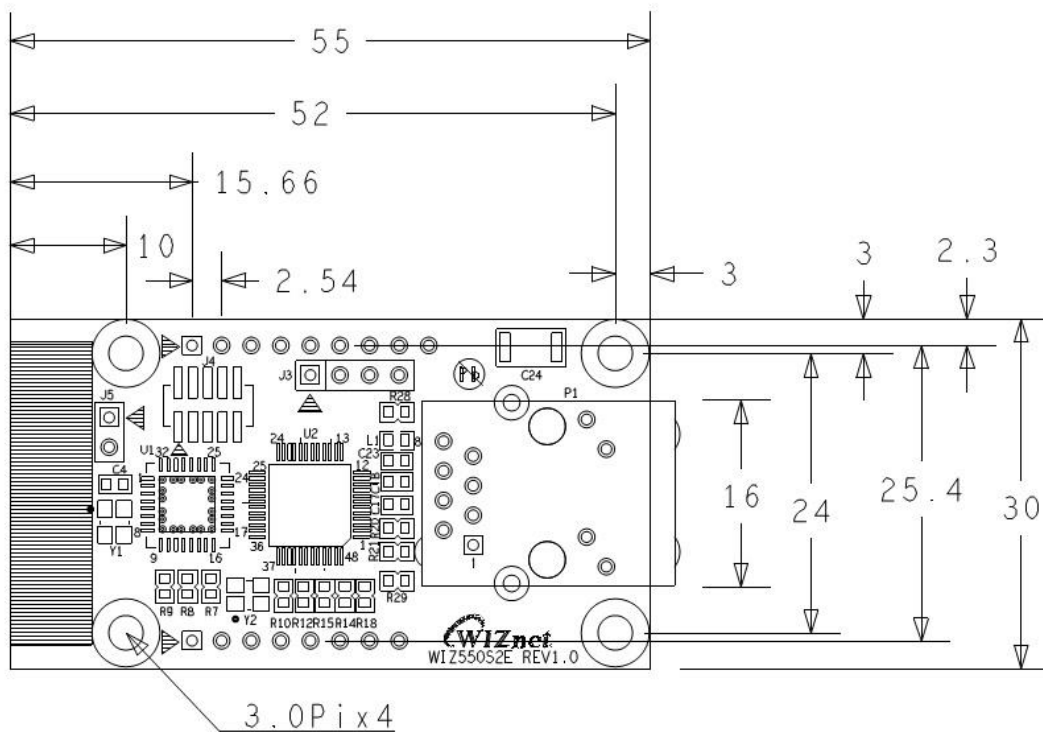
Operating Temperature -40 ~ 85 °C

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)



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