WIZ550S2E Datasheet

Overview

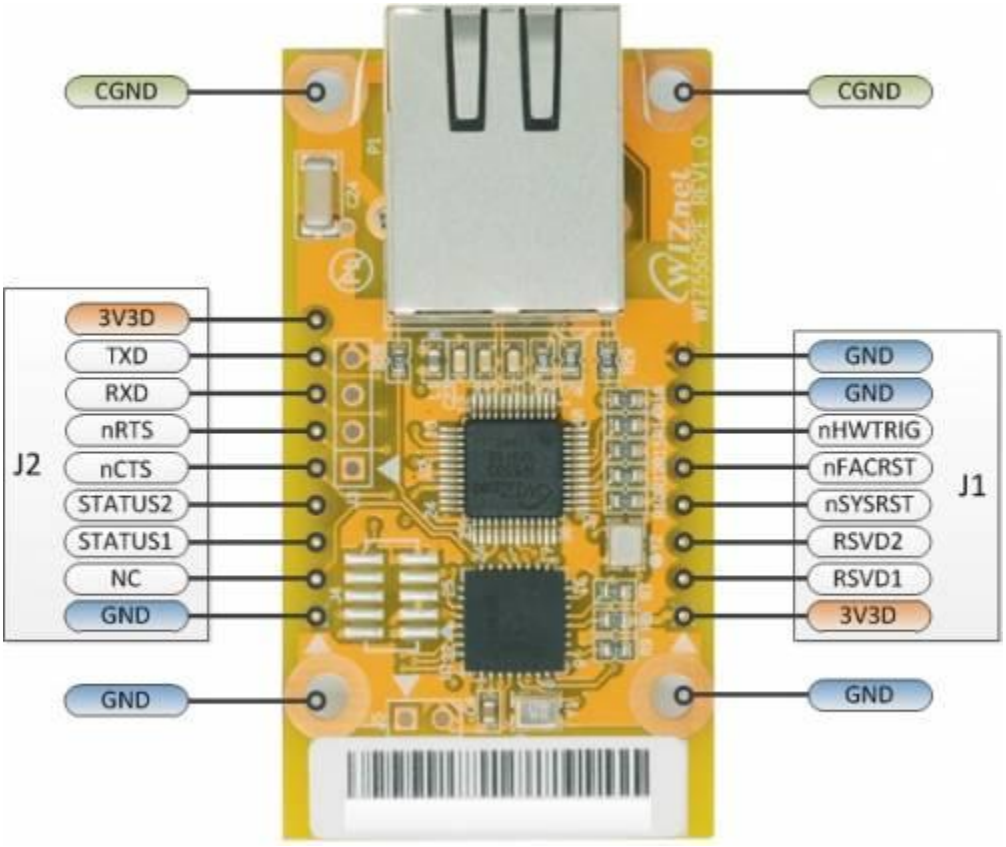
This page provides information about the hardware description of WIZ550S2E base on RS232 & RS422/485 Interface board as following:

- 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
J1	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.
	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
J2	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
	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

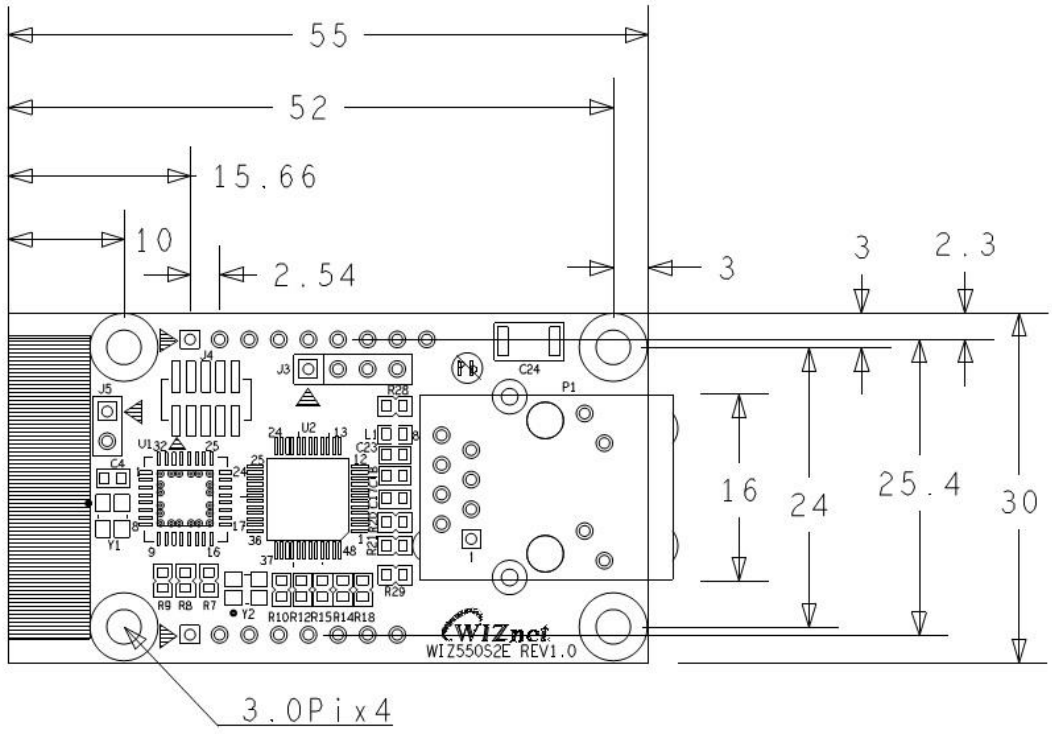
Input Power	DC +3.3V
Current Consumption	140mA(Typ.)
Operating Temperature	-40 ~ 85 ℃

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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