



# Vogelaar Electronics

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## Delphi Stamp Eth0 VE 08202

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- Open PCB configuration
- RS232 to Ethernet converter
- Bi-directional
- Compatible with DelphiStamp
- Single +5 VDC power supply
- Configuration through web server
- 10 / 100 MHz TCP/IP

The VE8202 is a bi-directional RS232 to Ethernet controller. The module contains its own 32 bit ARM micro processor NS7520 from NetSilicon including 2 MByte flash and 8 MByte RAM memory. It can handle data throughput up to 230400 Baud supporting most protocols. The IEEE 802.3 ethernet side is 10 / 100 Mbs auto sensing. Supported services includes RealPort, HTTP / HTTPS, LPD, rlogin, rsh, SNMP and telnet.

The VE08202 is configured through a built in web-server.



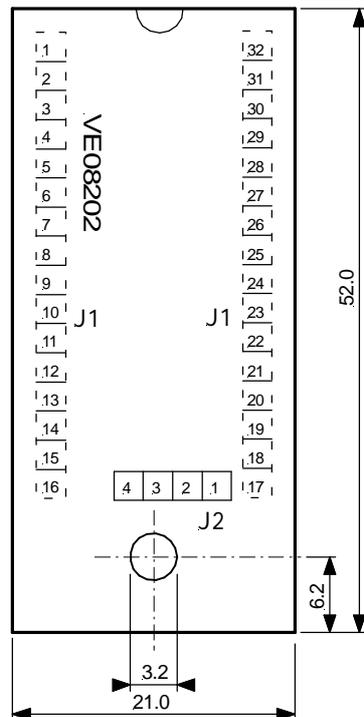
It can be used in conjunction with the VE08201 DelphiStamp. In this configuration the DelphiStamp is programmable and can be remotely controlled and monitored through the Ethernet TCP/IP connection.

As an alternative the VE08202-WiFi is available for wireless applications.

## Specifications:

<b>Mechanical:</b>	
Dimensions	52 x 21 x 32 mm
Weight	25 gram
Temperature	0 .. 50 °C
<b>Electrical:</b>	
Power supply -	+5 VDC +/- 5% @ 300 mA no load
Power supply - WiFi	+5 VDC +/- 5% @ 430 mA no load
<b>Network Interface</b>	
Standard	IEEE 802.3 -WiFi IEEE 802.11b
Physical Layer	10 / 100 Base-T Freq = 2.4 GHz
Mode	Half and Full duplex auto-sensing
Connection	RJ-45
<b>Serial Interface</b>	
I/O wires	TxD and RxD
Baudrate	up to 230400
data bits	5, 6, 7 and 8
stop bits	1, 1.5, 2
Parity	mark, space, odd and even
Flow control	software

## Dimensions and connections:



### Connector J1

1	RS232 Tx	32	Vdd
2	RS232 Rx	31	
3		30	
4		29	
5		88	
6		27	
7		26	
8		25	
9		24	
10		23	
11		22	
12		21	
13		20	
14		19	
15		18	
16	GND	17	

### Connector J2

1	GND
2	RS232 Tx
3	RS232 Rx
4	+5 VDC