

**4 Channel 24V to 5V Optocoupler Isolation Module PLC Signal Level Voltage Conversion Board NPN Output**  
**P/N: 190551 DST-1R4P-N**

**Module overview:**

1. New original Taiwan optocoupler is adopted.
2. The limit conversion frequency is 20kHz.
3. It can be used for signal isolation, level conversion between single chip microcomputer, PLC, PNP, NPN signal to NPN signal, signal level voltage conversion and so on.
4. Overall dimension of module: 72 \* 55 \* 18mm (L \* w \* h), installation hole size: 64 \* 47mm, hole diameter: 3mm.

**Module terminal block and definition:**

<b>Function</b>	<b>Sign</b>	<b>Desc</b>
Signal input	1+	1 Channel signal input 1+
	1-	1 Channel signal input 1-
	2+	2 Channel signal input 1+
	2-	2 Channel signal input 1-
	3+	3 Channel signal input 1+
	3-	3 Channel signal input 1-
	4+	4 Channel signal input 1+
	4-	4 Channel signal input 1-
Power input	VCC	DC power supply +
	GND	DC power supply -
Signal output	Q1	1 Channel signal output
	Q2	2 Channel signal output
	Q3	3 Channel signal output
	Q4	4 Channel signal output

\*The DC power supply is the same as the signal output voltage. For example, if the signal is 24V to 5V, then VCC = 5V input

## Internal structure diagram of module

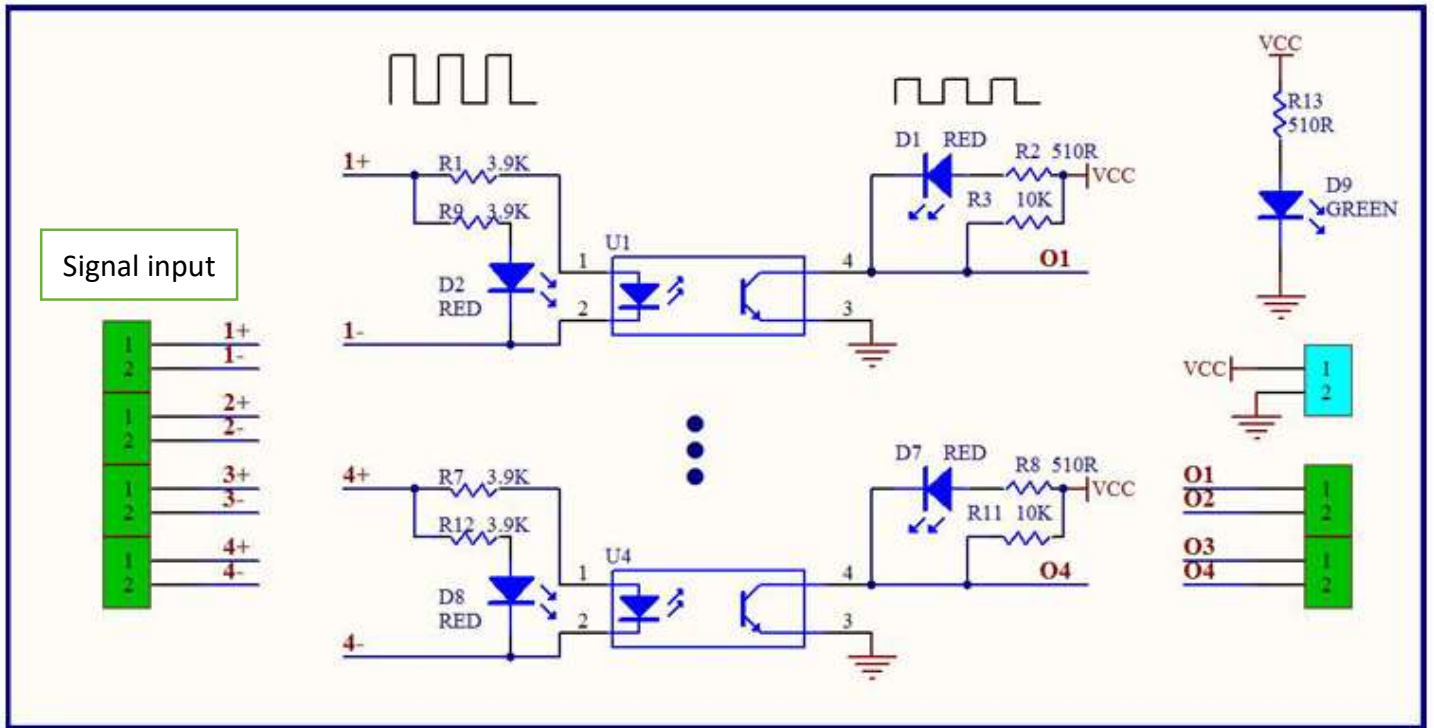


Diagram of module wiring: (Module power supply is equivalent to output signal voltage, Take "24V to 5V" as an example, and the signal conversion of other voltages are the same)

Common anode signal input:



I/O TRUTH TABLE	
Signal input	Signal output
H(高电平)(24V)	H(高电平)(5V)
L(低电平)(0V)	L(低电平)(0V)
备注:	Remark: Signal power DC +24V, Module power supply DC +5V