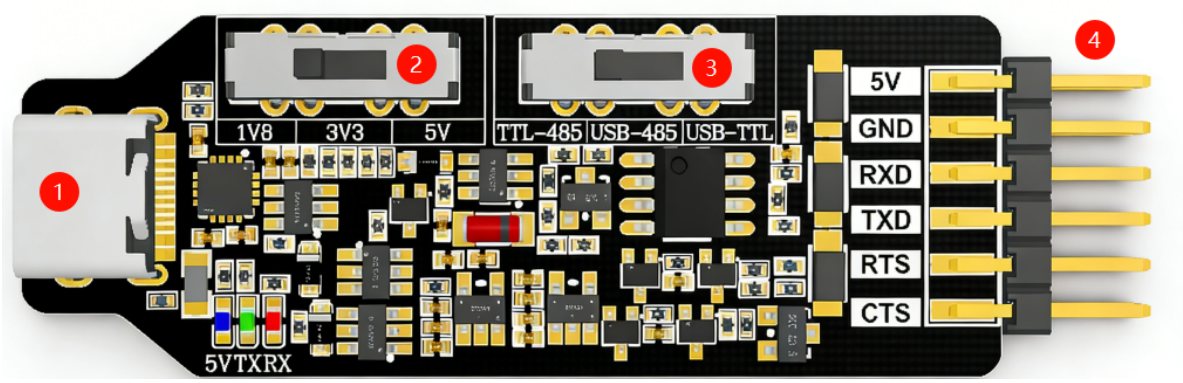
Serial communication module interface distribution

Module front



Serial Number	name	introduce	Remark
①	USB Type-C interface	USB power supply and communication interface	Can be inserted in either direction
②	TTL voltage selection switch	Three-position switch: Left: 1.8V; Middle: 3.3V; Right: 5V	USB-TTL mode and TTL-485 mode are valid.
③	Operating mode selection switch	Three-position switch: Left: TTL-485: TTL to RS485 mode; Middle: USB-RS485: USB to RS485 mode; Right: USB-TTL: USB to TTL mode.	Only one mode can be run at a time; simultaneous operation is not possible.
④	5V	5V voltage output interface (maximum output current not exceeding 300mA)	The module can be powered by an external 5V supply; do not power it simultaneously with the USB port. This is unrelated to the TTL voltage selection switch.
④	GND	power ground	
④	RXD	TTL mode data receive pin	Connect to the TXD pin of an external device
④	TXD	TTL mode transmit data pin	Connect to the RXD pin of an external device
④	RTS	Request Send Pin	
④	CTS	Clear transmit pin	

reverse side

Serial Number	name	introduce	Remark
①	3V3	3.3V voltage output interface (maximum output current not exceeding 300mA)	It is independent of TTL voltage selection switches.
①	GND	power ground	
①	485-B	Pin B in RS485 mode	
①	485-A	Pin A in RS485 mode	
①	GND	power ground	
①	1V8	1.8V voltage output interface (maximum current not exceeding 300mA)	It is independent of TTL voltage selection switches.