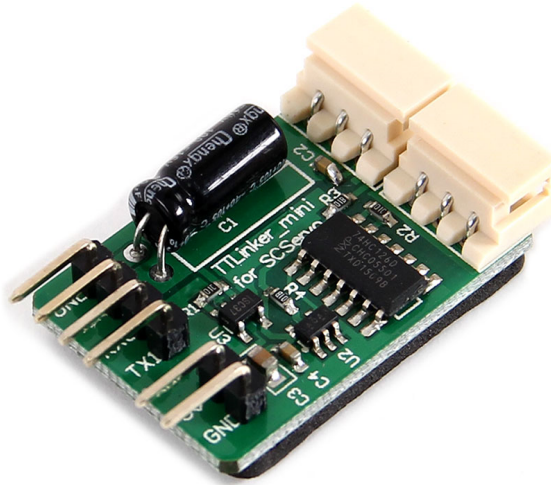


TTLinker Board for SCS15 Servos



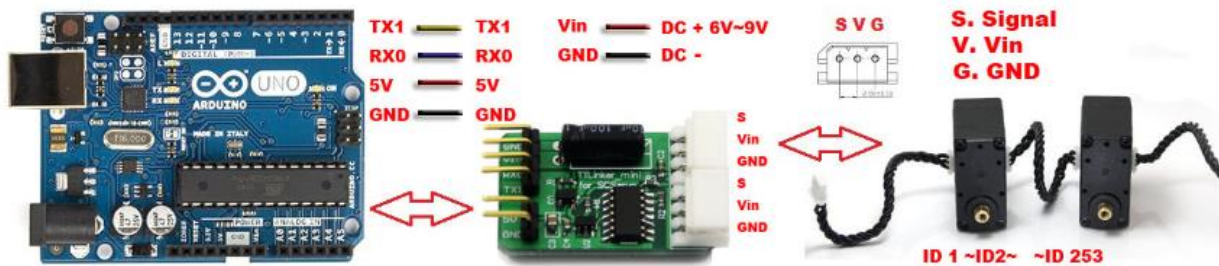
Description:

The TTLinker converts Arduino UART signals to TTL half duplex of actuator SCS15. In other words, 4 wires change to 3 wires.

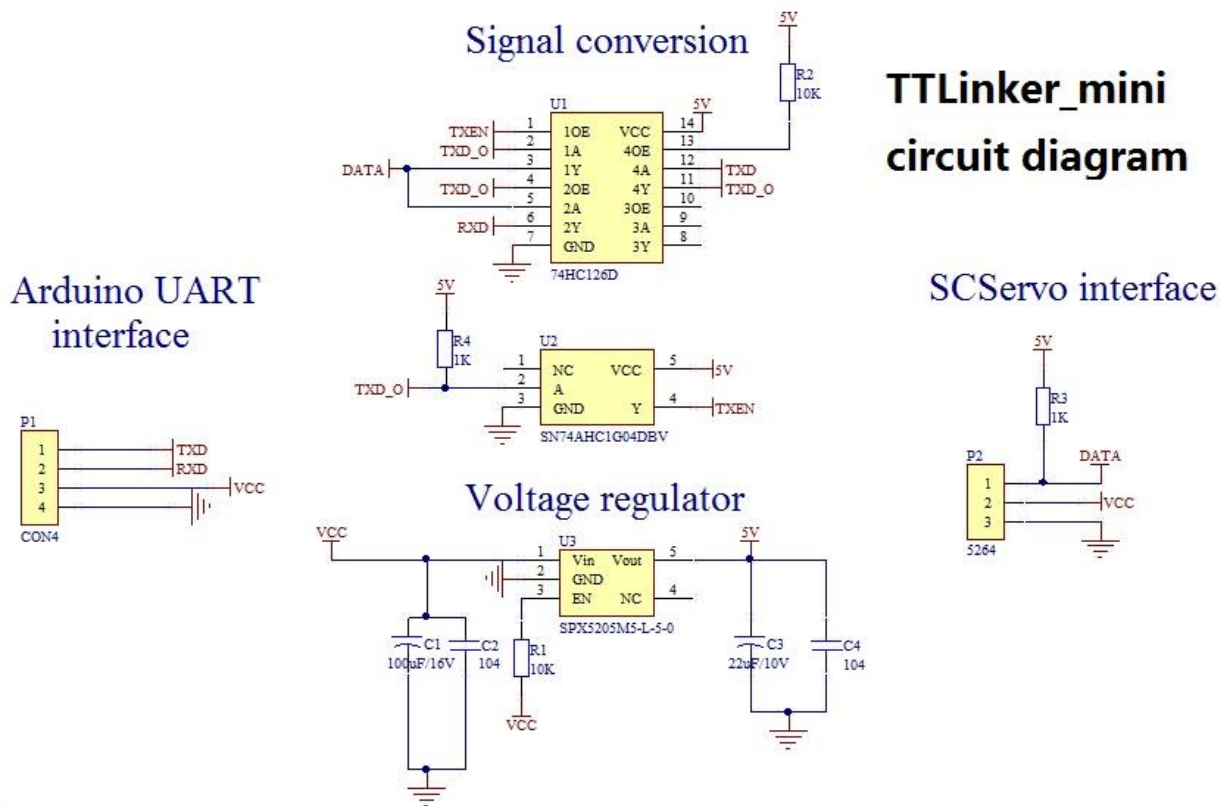
When an Arduino is being used to control the SCServo and Arduino library is required .

Specifications:

- Controller: 74HC126D
- Working Voltage
 - Allowed Range: 6V~9V
 - Vin DC + 6V~9V
 - GND DC -
 - Recommended Voltage: 7.4V (Li-PO 2cell)
- Output Voltage
 - 5V (max 150mA)
- Stall torque
 - 15@6V
 - 16.5@7.4V
 - 17@8.4V
- Consumed Current
 - When IDLE: 10mA
 - External I/O Maximum Current: 150mA
- Working Temperature: -5°C~60°C
- External I/O Device
 - 2pin For 5V Output: 1
 - 3pin For SCServo Connector: 2
 - 4pin For Arduino or Other Controller UART: 1
- Work Mode Protocol Type
 - SCS Mode
- Communication Speed
 - 38400bps~1M bps
- Weight: 56g
- Dimensions: 30 x 20mm
- Gear Type: Metal 275.1
- Bus interface: TTL Level Multi Drop
- Position sensor and resolution: Potentiometer (215°/1024)
- Operating angle: 200° (Servo Mode)
- Operating speed: (rpm)
 - 55@6V
 - 65@7.4V
 - 73@8.4V
- Control system: Bus Packet Communication
- ID: 254 ID (0 to 253)
- Motor type: Carbon
- Bearing type: 2bb
- Wire length: 3P&5264 (15cm)



Schematic:



Made in China