

JL-ZDG-2G

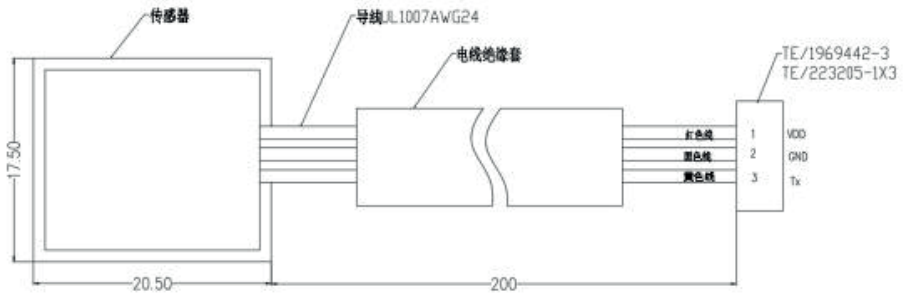
TECHNICAL SPECIFICATION

Supply Voltage	DC 5V
Output interface	UART (TTL level)
Measuring range	0-2 g (gravity acceleration)
Resolution	1/1024 g
Accuracy	1/1024 g
Frequency range	0-1800 Hz
Work current	<5 mA
Work temperature	-40° / 85°C
Storage temperature	-40° / 85°C

This vibration sensor is mainly used to measure the vibration intensity of objects. It is a contact type sensor. Install the sensor housing or components on the measured object to directly sense vibration. The piezoelectric element generates electric charge under inertial force or excitation force, and the output is proportional to vibration acceleration or excitation force. The sensor can output real time vibration acceleration, featuring fast response, small size, low power consumption, and easy installation. Mainly used in home appliances, medical equipment, automotive, industrial equipment, etc

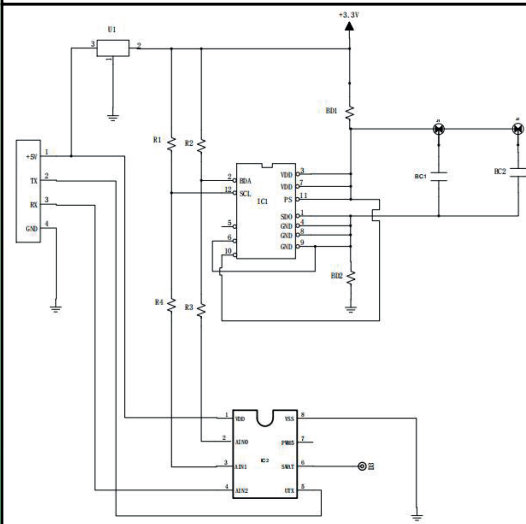
BYTE No.	DEFINITION	VALUE RANGE	DESCRIPTION
0	Header	0xFF	Start code
1	Data high byte	0x00 - 0xFF	High 8 bits of acceleration
2	Data low byte	0x00 - 0xFF	Low 8 bits of acceleration
3	Checksum	Sum of bytes 0+1+2	Check code

CONNECTION PIN DEFINITION



ELECTRICAL CONNECTION PORT	PIN No.	WIRE COLOR	DEFINITION	DESCRIPTION
	1	red	VDD	+5V
	2	black	GND	ground
	3	yellow	TX	UART

SCHEMATIC DIAGRAM



UART

Communication settings

Baud rates	4800
Data bits	8 bit
Parity	None
Stop Bits	1 bit

