Pioneer600 - Raspberry Pi Expansion Board



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Artikel-Nr.:	Pioneer600
Hersteller:	Waveshare
Herkunftsland:	China
Zolltarifnummer:	84714900
Gewicht:	0.093 kg

Pioneer600 Features

- Supports Raspberry Pi A+/B+/2B/3B
- dual LED, joystick, buzzer, the basic components
- CP2102, control the Pi through serial terminal
- 0.96inch OLED, big world in the little screen
- DS3231, high precision, backup battery holder is also available
- PCF8591, 8-bit resolution, screw terminal IO interface
- PCF8574, more GPIO, more possibility
- LFN0038K, Raspberry Pi remote control comes true
- BMP280, measuring air pressure and temperature
- **<1-WIRE>** for connecting 1-WIRE devices, DS18B20 is included
- for connecting various sensors

Examples

Peripheral	Interface	Python	WiringPi	BCM2835 C Library	SysFs
LED	I/O	√	√	√	√
KEY	I/O	√	√	√	
IRM	I/O	√	√	√	
UART	UART	√	√		
DS18B20	ONE-WIRE	√			√
PCF8574	I2C	√	√	√	√
PCF8591	I2C	√	√	√	
DS3231	I2C	√	√	√	
BMP280	I2C	√	√	√	

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OLED	SPI	√	√	√	

Package Content

- Pioneer600 x 1
- DS18B20 ×1
- USB Type A Plug to Micro B Plug Cable x 1
- RPi screws pack (2pcs) x 1

Development Resources

- User manual
- Schematic
- Demo codes : python and C (WringPi/BCM2835 C Library/SysFs)
- Raspberry Pi tutorials
- Raspbian (configured system image)

Wiki : www.waveshare.com/wiki/Pioneer600

Weitere Bilder:

