


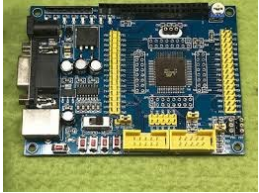
















Prototyping Modules





Name	Photo	Description	Link
[R406] - Pickit 3 in-circuit debugger/programmer		Specification highlight: USB (Full speed 12 Mbits/s interface to host PC) Operation voltage:2.0v to 6.0v range Program up to 512K byte flash with the Programmer-to-Go	Detailed information User Guide Specification
[R303] - PIC DIP40 board			
[R304] - DOIT wifi module			
[R334] - LED Shield			


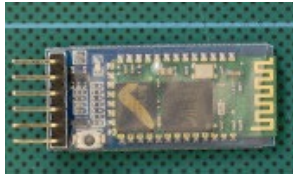


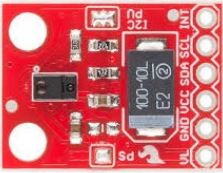
Name	Photo	Description	Link
[R013] - ATMEL ATmega128 system board module			Detailed information
[R305] - MPU9150 Motion Tracking Device			Detailed information Data sheet
[R326] - MPU6050 Accelerometer and Gyroscope			Detailed information
[R407] - DEV 12923 OLED Arduino module		Display of DEV 12924 Specification highlight: Operational voltage: 5 V Vin Range: 3.3 - 16 V Display: 64 x 48 Pixel OLED	Detailed information Hook up guide Installing Bootloader





Name	Photo	Description	Link
[R306] - DEV 12924 USB Programmer		Programmer of DEV 123923	Detailed information Hook up guide Installing Bootloader
[R307] - OV7670 CMOS VGA Camera		Specification highlight: Voltage: 3.3 V Optical size: 1/6 inch Resolution: 640 x 480 VGA Lens: F.18 / 6 mm Flicker rate: 50 / 60 Hz	Detailed information Tutorial
[R328] - RS232 PCBA			
[R309] - Rain Detection Module		Components included: 1. YL-38 controller 2. YL-83 rain sensor	Detailed information
[R310] - Weighing Module		Components included: 1. HX711 weight sensor 2. 1kg Aluminium Alloy weighing load	Detailed information

Name	Photo	Description	Link
<p>[R311] - Hilitand Digital DDS Function Signal Generator Module</p>		<p>Specification highlight: Operating Voltage: DC7V-9V Size: Approx. 100*80mm (Length*width) Template Thickness: 2mm DDS Frequency Range: 1HZ-54Hz. High-speed Frequency (HS) Square Wave: 1MHz/2MHz/4MHz/8MHz DDS Signals: sine wave, square wave, sawtooth, reverse sawtooth, triangle wave, ECG wave and noise wave Section into the Value: 1,10,100,1000,10000 Hz Offset: 0.5pp-5Vpp Amplitude Amount: 0.5Vpp-Vpp Output Impedance: 20-200 ohms</p>	
<p>[R312] - Walfront SKU:6723 AC-DC Switching Board</p>		<p>Specification highlight: AC input: AC85-265V (Global common) AC frequency: 50HZ/60HZ Output voltage: 12V Output Current: 6A-8A Output Power: 100W Modulation: Pulse width modulation PCB Size :106.42mm*57.03mm/4.18"X2.24" Noise ratio:≤200MV Weight :145g</p>	

Name	Photo	Description	Link
[R313] - RC522 RFID module 13.56Hz (Red)			Detailed information Data Sheet
[R325] - L9110 Fan module		Specification highlight: Supply voltage: 5V DC	Detailed information
[R322] - Powertip PC1602-H LCD			
[R323] - Displaytech 162D LCD			Detailed information Data Sheet
[R324] - 1602A LCD			

Name	Photo	Description	Link
[R321] - 1.44 inches TFT LCD			
[R314, R315] - L298N Motor Driver Controller Board Module		Specification highlight: R314: 220 35V VT R315: HT 220 E TZ Voltage: 5 - 35 V	Tutorial
[R316] - DC-DC 24V/12V to 5V 5A Step Down Power Supply Converter		Specification highlight: Input voltage: 12 / 24 V Output voltage: 5 V Output current: 5 A	
[R317] - MT3608 DC-DC Step Up Power Supply Converter		Specification highlight: Input voltage: 2 - 24 V Max output voltage: 28 V Max output current: 2 A Switching Frequency: 12 MHz	Detailed information Data sheet: * data sheet from addicore.com

Name	Photo	Description	Link
[R318] - XL6009E1 DC-DC Booster Power Supply module		Specification highlight: Input voltage: 5 - 32 V Max output voltage: 35 V Max output current: 4 A Switching Frequency: 400 kHz	Detailed information Data sheet: * data sheet from addicore.com
[R327] - ZG-B28090W Bluetooth 2.0 EDR module		Specification highlight: Voltage: 5 V	Detailed information Data sheet
[R336] - ZS-040 Bluetooth 2.0 EDR module		Specification highlight: Voltage: 5 V	
[R329] - PCB0118 Vibration Motor		Specification highlight: Operating Voltage: 3.0 - 5.5 V Speed: 9000 rpm	Detailed information
[R330] - SparkFun APDS-9960 RGB and Gesture Sensor		Specification highlight: Operating Voltage: 3.3 V Operating Range: 10 -20 cm	Detailed information

Name	Photo	Description	Link
[R331] - Microchip RN41XVU-I/RM Bluetooth 2.1 EDR module			Detailed information Data sheet
[R332] - Microchip RN42XVP-I/RM Bluetooth 2.1 EDR module			Detailed information Data sheet
[R333] - ZS-X4B DC Motor		Specification highlight: Power: 90 W Voltage: 3 - 35 V Current: 5 A	
[R335] - SIM800C GSM/GPRS module		Specification highlight: Frequency Bands: 850/900/1800/1900MHz GPRS multi-slot class: 12/10 Dimensions: 17.6*15.7*2.3mm Weight: 1.3±0.1g Supply Voltage: 3.4V - 4.4V Operation temperature: -40°C - +85°C Compliant GSM phase 2/2+ :Class 4 (2W @ 850/900MHz),Class 1 (1W @ 1800/1900MHz)	