

# TURBO ENTERPRISES

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# *PRODUCT*

# *CATALOG*

Contact details:

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Website: turboenterprises.in

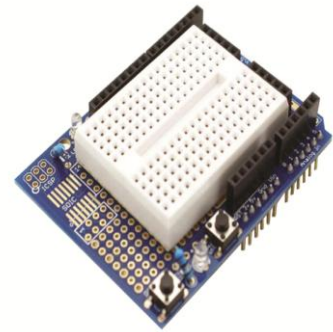
# **ARDUINO BOARDS AND SHIELD**



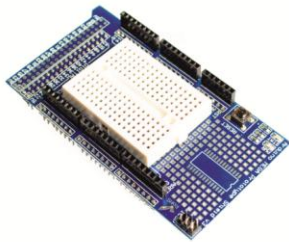
ARDUINO NANO CH340



LCD KEYPAD SHIELD



UNO PROTOTYPE SHIELD



MEGA PROTOTYPE SHIELD



PRO MINI 328



UNO SENSOR SHIELD



MOTOR CONTROL SHIELD



2.4` TFT TOUCH SCREEN



2.8` TFT TOUCH SCREEN



3.5` TOUCH SCREEN FOR UNO AND MEGA



ARDUINO UNO BOARD



LOGGIN RECORDER & DATA SHIELD



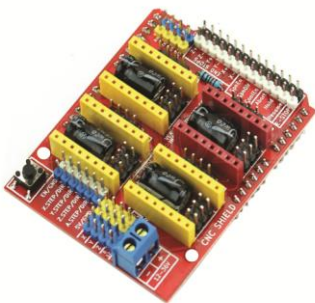
ADK USB HOST SHIELD



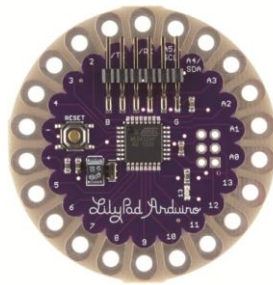
ADK USB HOST SHIELD ORIGINAL



ARDUINO LEONARDO



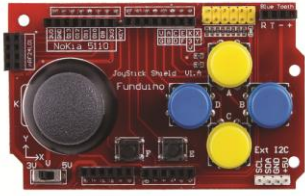
ARDUINO CNC SHIELD



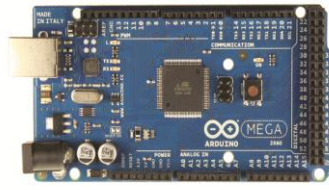
LILYPAD



UNO SERVO SHIELD



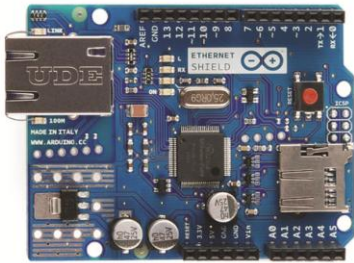
FUNDUINO JOYSTICK SHIELD



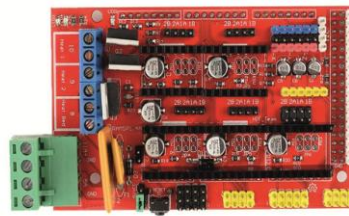
ARDUINO MEGA 2560



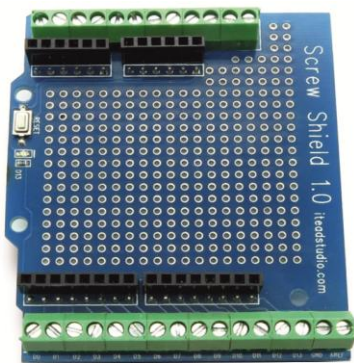
ARDUINO MEGA SENSOR SHIELD



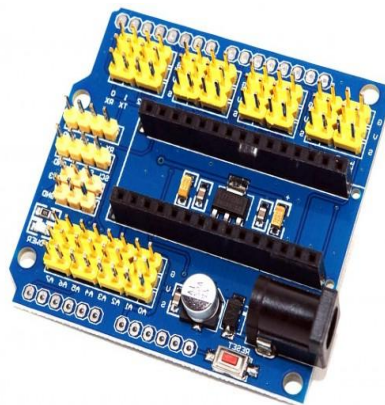
ETHERNET SHIELD W5110 & SD CARD



ARDUINO RAMPS 1.4 DRIVER SHIELD



SCREW SHIELD FOR UNO & MEGA



NANO EXPANSION BOARD



**MULTI FUNCTIONAL SHIELD**



**ARDUINO UNO CASE**



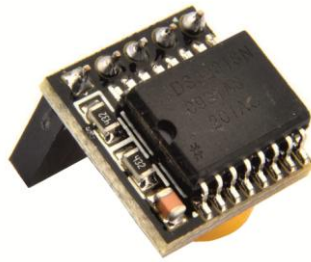
**MEGA CASE**



# **RASPBERRY PI BOARD AND ACCESSORIES**



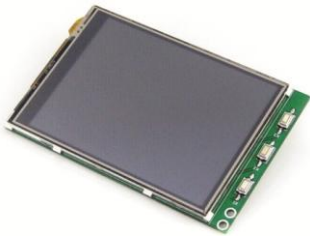
**RASPBERRY PI CASE PLASTIC**



**DS3231 RTC MODULE**



**GPIO BOARD WITH CABLE**



**3.5` HDMI TOUCH SCREEN**



**5` HDMI TOUCH SCREEN**



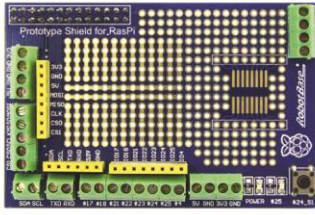
**7` HDMI TOUCH SCREEN**



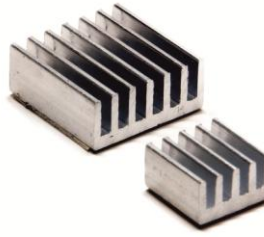
**RASPBERRY PI CAMERA MODULE 5MP**



**RASPBERRY PI 3 BOARD**



RASPBerry PI PROTOTYPE SHIELD



HEAT SINK FOR RASPBerry PI



RASPBerry PI CASE

# GSM-GPS & GPRS



GPS ANTENNA 15275.42MHZ



GSM BLADE/PATCH ANTENNA



GPS SPRING ANTENNA 3 AND 5 DBI



RUBBER ANTENNA 2INCH/5CM



RUBBER ANTENNA 4INCH/10CM



SIM800 MODEM



GSM SIM 808 MODEM



GSM SIM 900A MODEM

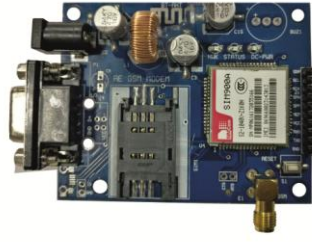


GSM SIM 800 C MODEM





GSM SIM 300 MODEM



GSM SIM 900A MODEM



SIM 800 MODEM



SMA CONNECTOR R/A



SMA CONNECTOR



SIM CARD HOLDER PUSH TYPE



SIM CARD HOLDER FLIP TYPE



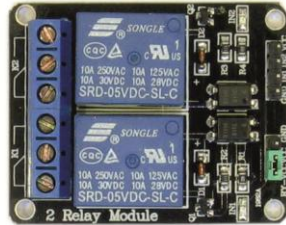
GPS MODEM SIM 28

# INTERFACE BOARDS



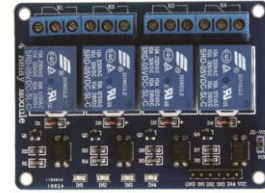
1 CH RELAY BOARD

5V & 12V



2 CH RELAY BOARD

5V & 12V



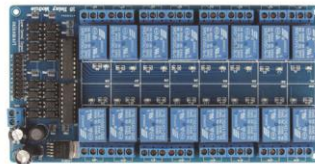
4 CH RELAY BOARD

5V & 12V



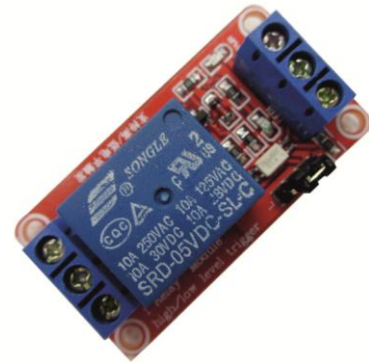
8 CH RELAY BOARD

5V & 12V



16 CH RELAY BOARD

12V

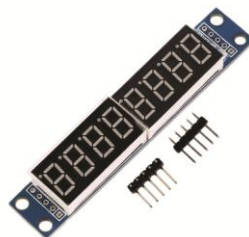


1 CH RELAY BOARD RED

5V & 12V



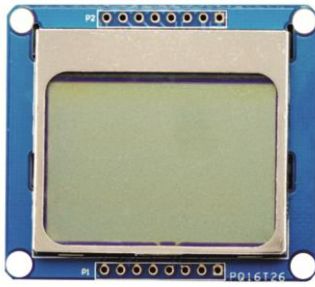
4 WAY 7 SEGMENT DISPLAY



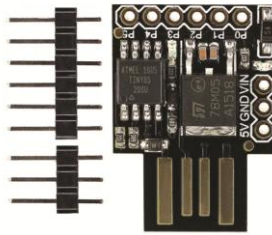
8 WAY 7 SEG DISPLAY



2000W THYRISTOR MODULE



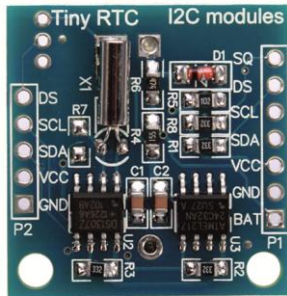
NOKIA 5110 LCD MODULE



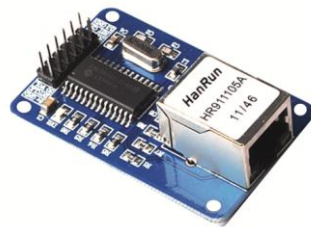
ATTINY USB BREAKOUT BOARD



5V BUZZER MODULE



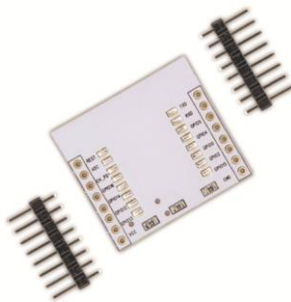
RTC MODULE DS 1307



ETHERNET MODULE ENC28J60



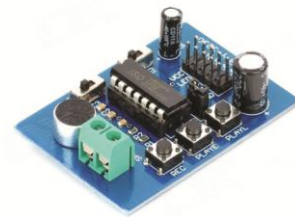
LOGIC LEVEL CONVERTER



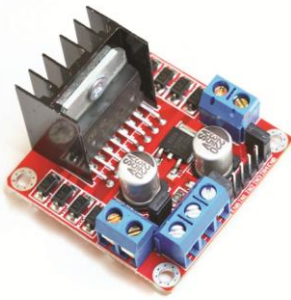
ESP-8266 ADAPTER PLATE



I2C UART CONVERTER



ISD18B20 VOICE MODULE



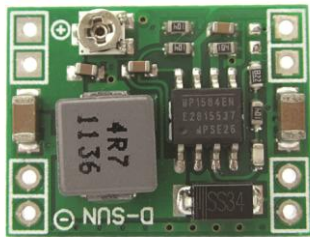
L298N MOTOR DRIVER BOARD



JOYSTICK WITH KNOB



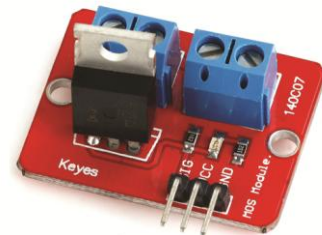
LCD 16\*2 WITH I2C



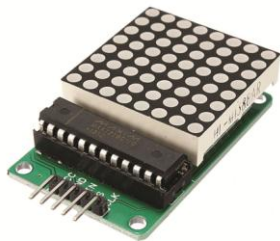
MP 1584 DC TO DC CONVERTER



LM2596 STEPDOWN



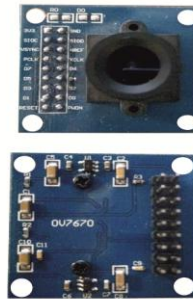
IRF 520 MODULE



MAX 7219 DOT LED MATRIX BOARD



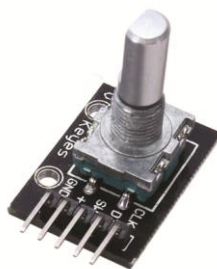
BREAD BOARD POWER SUPPLY



OV7670 WITHOUT FIFO



RGB LED MODULE

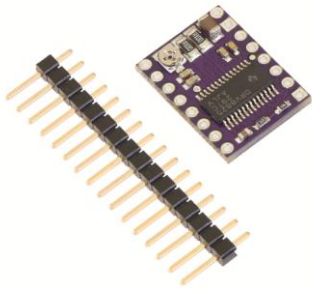


ROTARY ENCODER MODULE



MICRO SD CARD MODULE

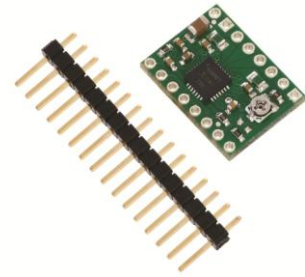




STEPPER MOTOR DRIVER 8825



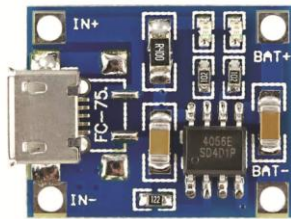
STEPPER MOTOR DRIVER A3967



STEPPER MOTOR DRIVER A4988



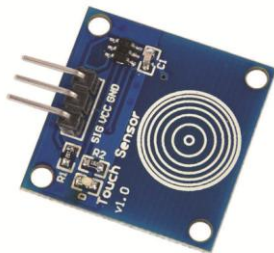
STEPPER MOTOR L9110



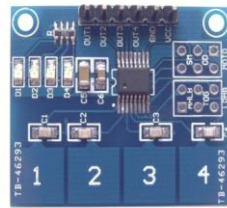
TP4056 LIPO CHARGER



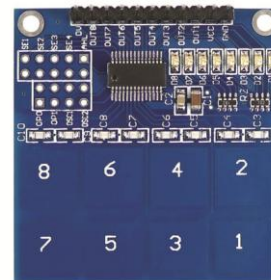
VOLTAGE SENSOR



TTP 223B CAPACITIVE TOUCH



TTP224 4 WAY CAPACITIVE TOUCH

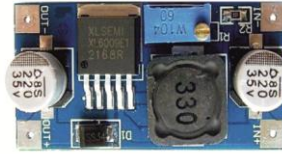


TTP 226 8 WAY CAPACITIVE TOUCH

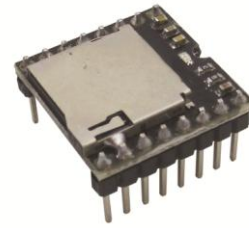




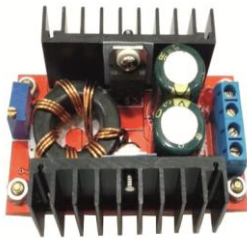
16 WAY TOUCH SENSOR



XL 6009 DC TO DC CONVERTER



FN-M16P - MP3 MODULE



DC TO DC BOOST CONVERTER  
IN: 10V-12V; OUT: 12V-35V; 6AMP



AMS 1117 3.3V AND 5V



SD CARD MODULE



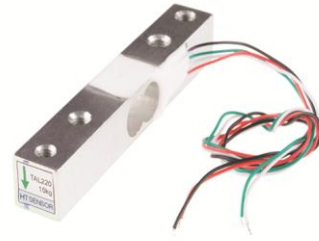
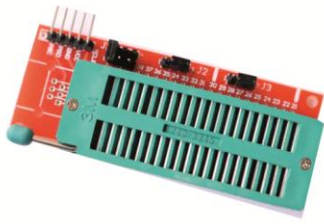
PCA9685 SHIELD  
FOR UNO AND RASPBERRY PI



4 WAY DOT LED MATRIX  
MAX7219



5 AXIS STEPPER MOTOR DRIVER



**PIC KIT 2 & 3 PROGRAMMER ADAPTER**

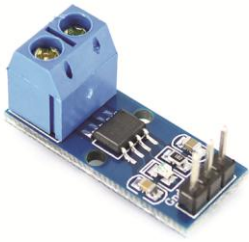
**BLACK 4\*4 TELEPHONIC KEYPAD**

**LOAD CELL 1 KG,3 KG AND 5 KG**

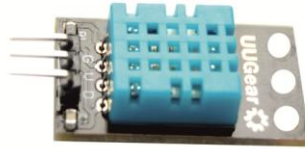


**XL 4015 DC TO DC CONVERTER**

# **SENSORS**



**ACS 712 CURRENT SENSOR**



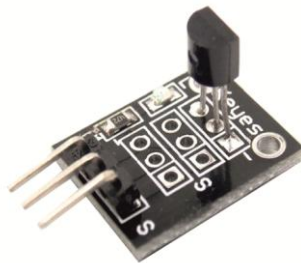
**DHT-11 HUMIDITY SENSOR**



**DH-22 HUMIDITY SENSOR**



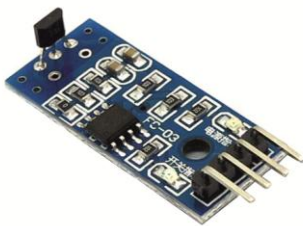
**DS18B20 WITH PROB**



**DS18B20 MODULE**



**ECG AD8232 HEART BEAT**



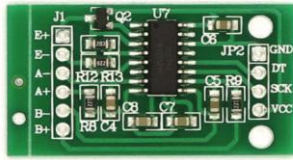
**HALL SENSOR MODULE**



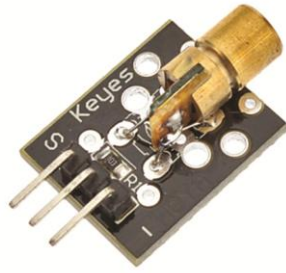
**HCSR-04 ULTRASONIC MODULE**



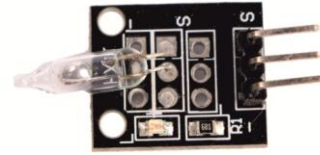
**HCSR-04 ULTRASONIC CASE**



HX-711 PRESSURES SENSOR



LASER SENSOR MODULE



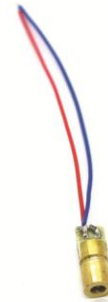
MERCURY SENSOR



MQ-2 MODULE



MQ-3 MODULE



LASER SENSOR LM-1



MQ 7 MODULE



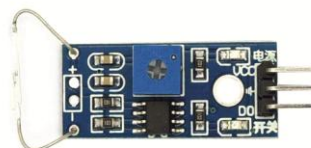
PIR SENSOR MODULE



PULSE SENSOR



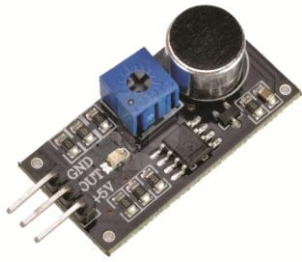
RAIN DROP SENSOR



REED SWITCH SENSOR MODULE



SHARP SENSOR GP2Y0A21



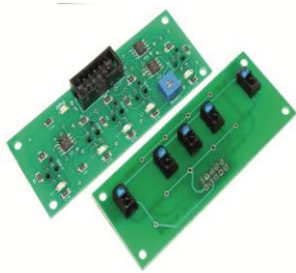
SOUND SENSOR MODULE



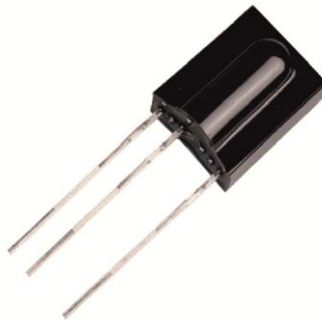
PELTIER TEC-12706 AND 12705



WATER FLOW SENSOR



DIGITAL LINE SENSOR MODULE



TSOP SENSOR PLASTIC



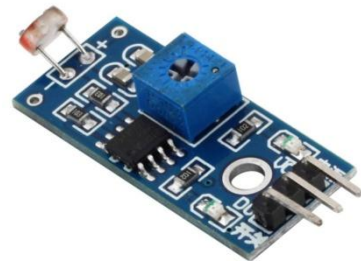
TCRT 5000 SENSOR



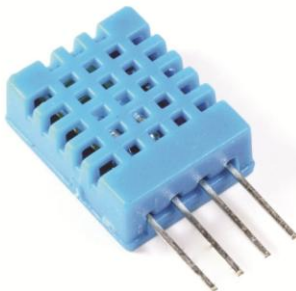
TSOP SENSOR MODULE



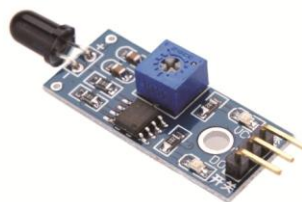
PAM8403 AUDIO AMPLIFIER



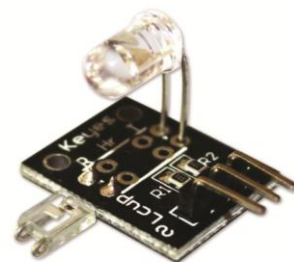
LDR SENSOR MODULE



DHT 11 SENSOR



FLAME SENSOR MODULE



HEARTBEAT SENSOR MODULE (LOW COST)





SOIL MOISTURE



TCS3200 COLOUR SENSOR



APR 33A3 8 CH VOICE RECORDER  
AND PLAYBACK



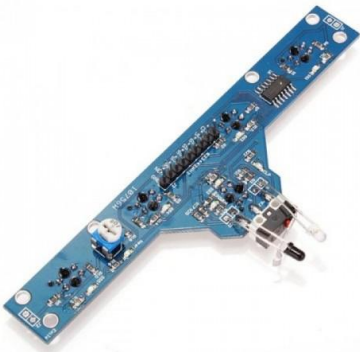
SW-420 TILT SENSOR MODULE



LINE SENSOR MODULE

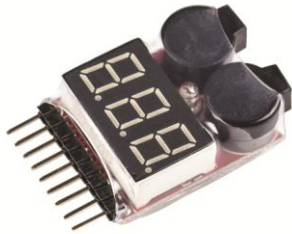


RTC MODULE DS3231



DIGITAL LINE SENSOR

# **QUADCOPTER AND ACCESSORIES**



**LIPO BATTERY TESTER**



**B3 CHARGER**



**B6 AC HARGER**



**BULLET CONNECTOR**



**ESC MOTOR CONTROLLER**



**FS CT 6B**



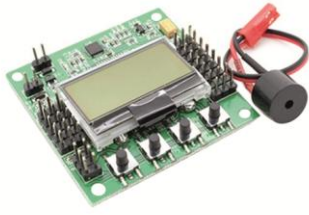
**FS I6+ IAB**



**FS TH 9X**



**UBLOX GPS FLIGHT CONTROL NEO6M**



**K.K 2.1.5 MULTICOPTER BOARD**



**PROPELLER 9\*4.7**



**PROPELLER 10\*4.7**



**Q 450 QUADCOPTER FRAME**



**T TYPE LIPO BATTERY**



**XT-60 LIPO BATTERY CONNECTOR**



**SERVO TESTER**



**A2212 BLDC BRUSHLESS MOTOR**

1000, 1200, 1400, 1800, 2200, 2450 KV

# READYMADE QUADPCOTER-DIY KITS



140mm



330mm



470mm





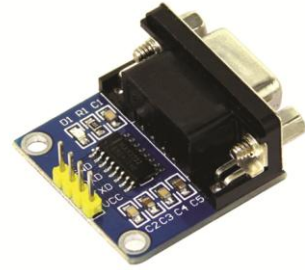
# **PROGRAMMERS**



CP2102 TO TTL



FT 232 TO TTL



MAX 232 TO TTL



MAX 485 TTL TO RS 485 TTL



PIC KIT 3.5



USB/ASP PROGRAMMER



PL2303 TO TTL



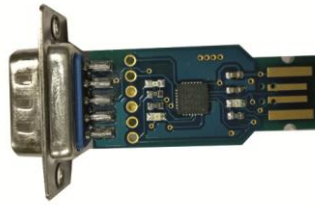
USB TO RS 485



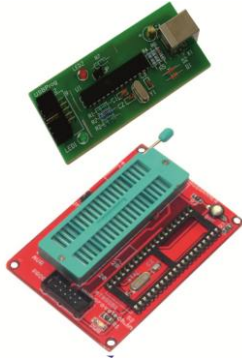
USB TO UART CP2102



TL 866 UNIVERSAL USB PROGRAMMER



USB TO SERIAL



AVR USB ZIF PROGRAMMER

# **PROVOTECH MANUFACTURED PRODUCTS**



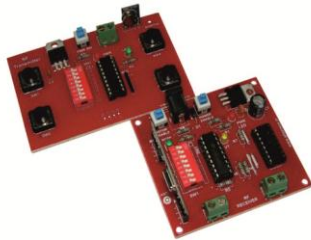
**2 WAY AUDIO INTERCOM**



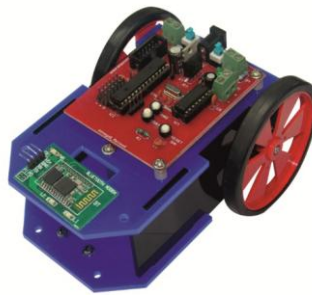
**4 DIGIT PASSWORD LOCK**



**10 STAGE SOIL MOISTURE**



**ALLSEN RX TX KIT**



**BLUETOOTH ROBOT**



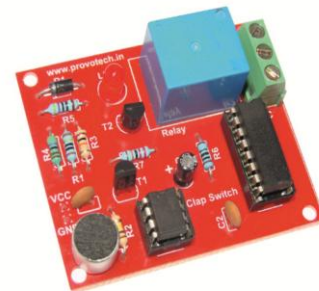
**ARDUINO BASED BLUETOOTH ROBOT**



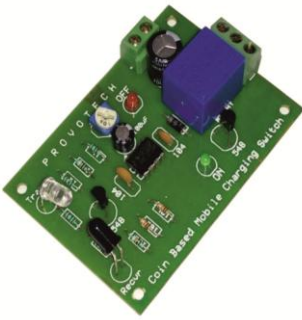
**CC 2500 MODEM**



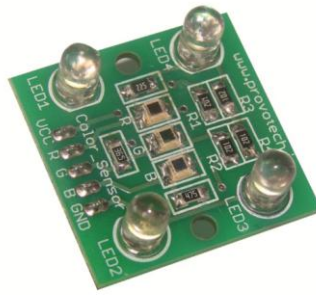
**CC2500 CHIP**



**CLAP SWITCH**



COIN BASED POWER CONTROL



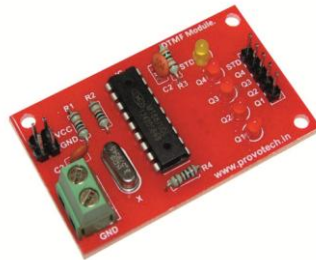
COLOUR SENSOR ANALOG



DARK SENSOR



DIGITAL LINE SENSOR



DTMF MODULE



E-CANDLE



DTMF ROBOT



ARDUINO BASED DTMF ROBOT



LINE FOLLOWER



ELECTRONIC COIN TOSSE



ELECTRONIC CANDLE

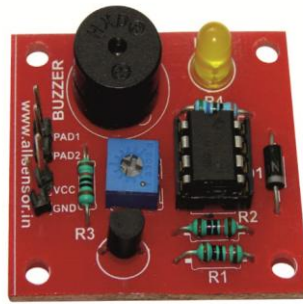


ELECTRONIC DICE





EM-18 MODULE



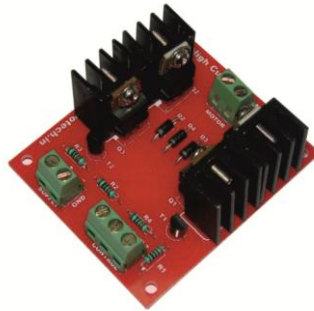
FIRE ALARM



FLAME SENSOR



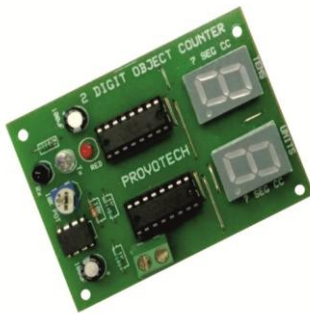
GH-311 ULTRASONIC



HIGH CURRENT STEPPER MOTOR DRIVER



I.O SHIELD



2 DIGIT OBJECT COUNTER



IR REMOTE CONTROL SWITCH



IR REMOTE REMOTE CONTROL ROBOT



JOYSTICK BREAKOUT



L293D MOTOR DRIVER



LED DIMMER





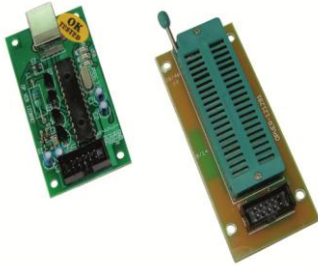
**LONG RANGE FM**



**METAL DETECTOR**



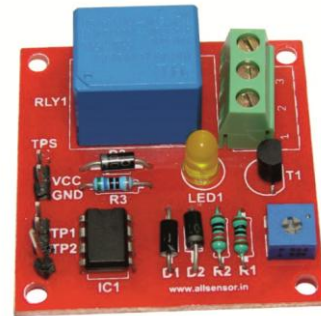
**PIC DEVELOPMENT BOARD**



**PIC KIT 2**



**PROXIMITY MODULE**



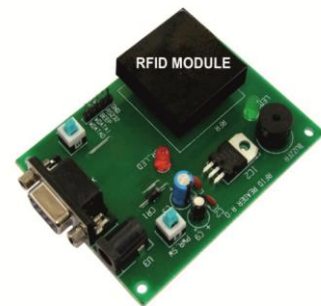
**WATER LEVEL CONTROLLER**



**RFID CARD 13.576MHZ,125KHZ**



**RFID KEYCHAIN**



**RFID MODEM**



**ROBOTIC ARM**



**SERVO SHIELD**



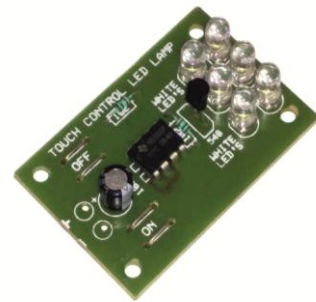
**STEPPER MOTOR DRIVER**



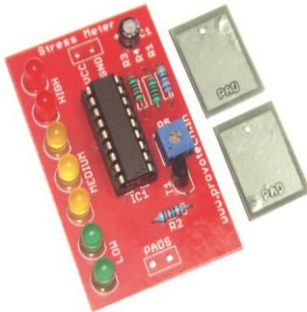
SOIL MOISTURE SENSOR



SOUND SENSOR



TOUCH CONTROL LED LAMP



STRESS METER



TEMPERATURE CONTROL SWITCH



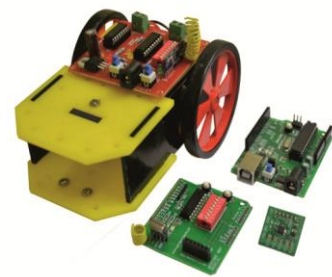
TOUCH CONTROL SWITCH



TRAFFIC SIGNAL



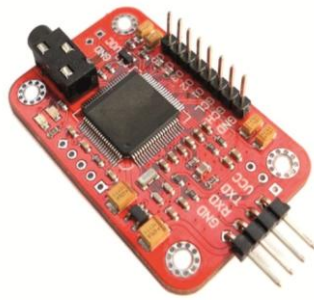
TRANSISTOR LINE FOLLOWER ROBOT



WIRELESS GESTURE ROBOT



VIBRATION SENSOR MODULE



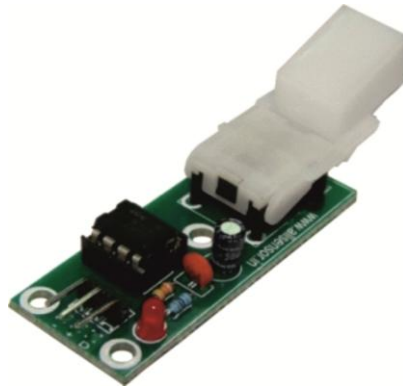
VOICE RECOGNITION MODULE



WAILING SIREN UP & DOWN



WIRELESS MOTOR CONTROL



BUMP SENSOR

# **ROBOTIC KITS & ACCESSORIES**



40 CORE WIRE - M/M



40 CORE WIRE - F/F



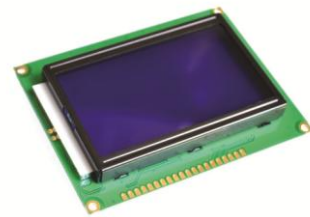
40 CORE WIRE - M/F



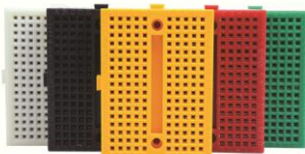
1 PIN PV WIRE - F/F



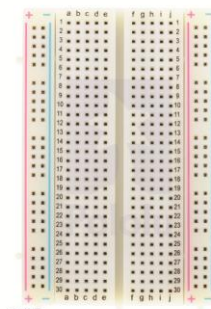
3PIN PV WIRE - F/F



A 28\*64 LCD



170 POINT BREAD BOARD



400 POINT BREAD BOARD



GL-12 BREAD BOARD

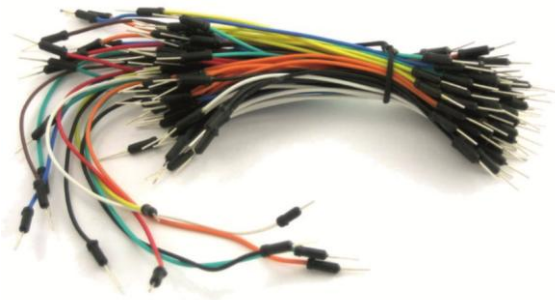




**4\*3 MATRIX KEYPAD**



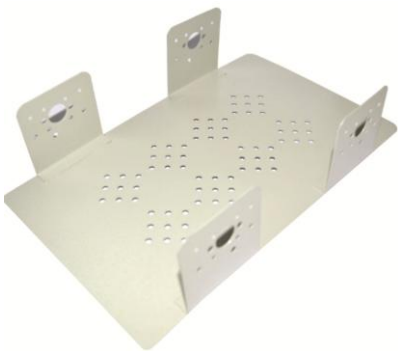
**4\*4 MATRIX KEYPAD**



**BREAD BOARD WIRES**



**RED METAL CHASSIS**



**IVORY METAL CHASSIS**



**BO MOTOR CHASSIS**



**WIDE TRACK BELT 40MM**



**TRACK BELT 1.5 MTR**



**SMALL TRACK BELT**





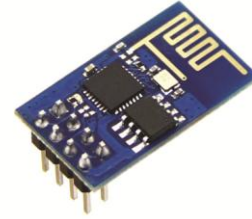
# WIRELESS MODULES



ADXL 335 ACCELEROMETER



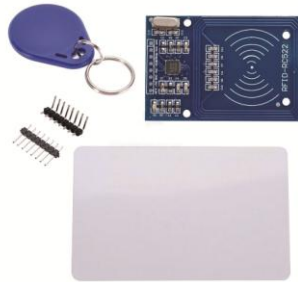
CC2541 BLUETOOTH MODULE



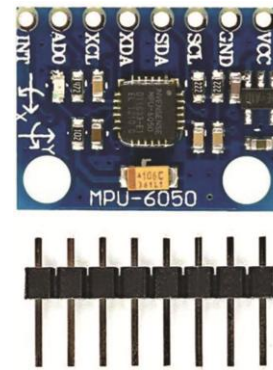
ESP8266-1 WIFI MODULE



HC-05 BLUETOOTH MODEM



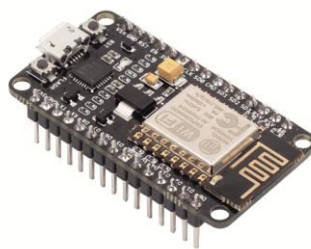
MY FAIR RFID MFRC522



MPU6050 GYRO SENSOR



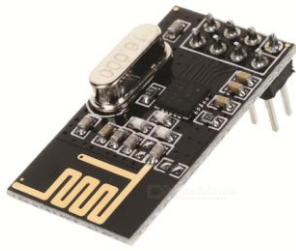
NOD EMCU ESP-8266-CH340



NOD EMCU ESP -8266-CP2102



NRF24L01 LONG RANGE



NRF 24L01



TS 1 CH WIRELESS CONTROL



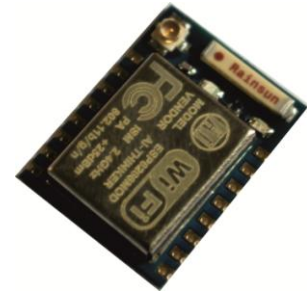
TS 2 CH WIRELESS CONTROL



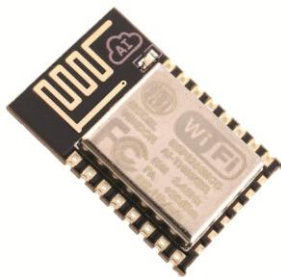
PT 2272 RECEIVER WITH REMOTE



HM-10 BLUETOOTH MODULE BLE 4.0



ESP 8266-07 WIFI MODULE



ESP 8266-12E WIFI MODULE



XBEE USB ADAPTER



XBEE S 2 C



**XBEE MICRO SD CARD MODULE**



**XBEE ADAPTER CP2102**



**XBEE SHIELD V03**



**TS 4 CH WIRELESS CONTROL**



**TS 8 CH WIRELESS CONTROL**



**4 CH REMOTE**

## **NEW PRODUCTS**



**5MM BLUE LED**



**5MM GREEN LED**



**5MM RED LED**



**IR 5MM BLUE**



**IR 5MM WHITE**



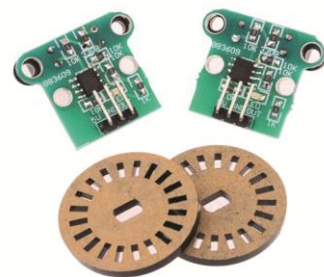
**PT 5MM WHITE**



**BLACK PHOTODIODE**



**MAGNETIC REED SWITCH**



**DUAL SPEED MEASURING MODULE**





CORELESS MOTOR



DPDT SWITCH



0.96" OLED DISPLAY



LIPO BATTERY 2200 MAH



LIPO BATTERY 3000 MAH



LIPO BATTERY 4000 MAH

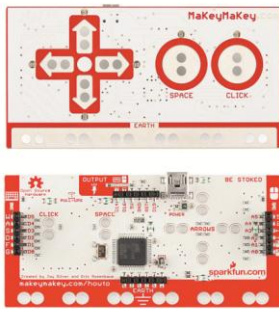


LIPO BATTERY 5200 MAH



WIRELESS CAMERA

# **DEVELOPMENT BOARDS**



**MAKEY MAKEY KITS**



**AVR DEVELOPMENT BOARD**



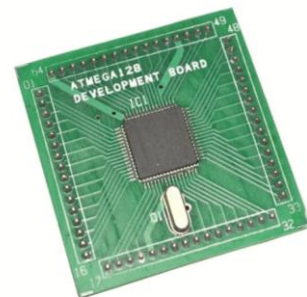
**ARM7 DEVELOPMENT BOARD**



**ARM 7 EVALUATION BOARD**



**ARM 7 EVALUATION BOARD**



**ATMEGA 128 DEVELOPMENT BOARD**



**8051 DEVELOPMENT BOARD**

## **MOTORS AND WHEELS**



**PANTILT FOR SERVO**



**BO-1 DUAL SHAFT**

**RPM - 100; TORQUE- 5 KG**



**BO WHEEL**



**S3003 SERVO MOTOR**



**SG-90 SERVO MOTOR**

**TORQUE - 1.60 KG**



**MG-90 SERVO MOTOR**

**TORQUE - 1.8 KG**



**MG-945 SERVO MOTOR**

**TORQUE- 12 KG**



**MG-995 SERVO MOTOR (180° AND 360°)**

**TORQUE 11KG**



**SG218 SERVO MOTOR**

**TORQUE 40 KG**



**5V STEPPER MOTOR DRIVER**

**ULN 2003**



**BO-1 MOTOR SINGLE SHAFT**

**RPM - 60,100,150,200,300,400**

**TORQUE - 5 KG**



**BO-2 MOTOR**

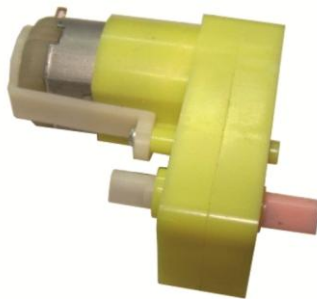
**RPM - 60,100,150,200,300**

**TORQUE - 5 KG**



**BO WHEEL 7\*2**

**RPM - 100 ; TORQUE - 5 KG**



**BO-2 DUAL SHAFT**



**BO WHEEL**



**DC PULLY WHEEL**

**DIAMETER - 60MM**

**WIDTH - 20 MM**



**12V DC MOTOR METAL GEAR**

**RPM - 3.5,10,30,45,60,100,150,**

**200,300,400,500,750,1000**

**TORQUE - 5 TO 10 KG**



**TOY MOTOR**



12 V JOHNSON MOTOR

RPM - 10,30,45,60,  
100,150,200,300,500  
TORQUE - 15 KG



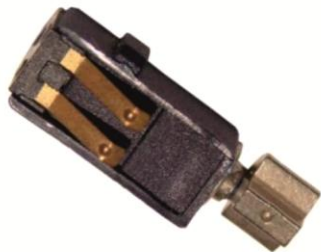
RS SERIES DC MOTOR

RPM - 10,30,45,60,  
100,150,200,300,500  
TORQUE - 30 KG



HIGH TORQUE DC MOTOR

RPM -10, 30,45,60,  
100,150,200,300,500  
TORQUE - 30 KG



VIBRATION MOTOR



PULLY WHEEL 7\*4



DC WHEEL 7\*2

DIAMETER : 70MM  
WIDTH : 20MM



DC PULLY WHEEL 7\*2  
DIAMETER - 70MM  
WIDTH - 20MM



DC WHEEL 10\*2  
DIAMETER - 100MM  
WIDTH - 20MM



PULLY WHEEL 10\*2  
DIAMETER - 100MM  
WIDTH - 20MM





DC WHEEL 7\*4  
DIAMETER - 70MM  
WIDTH - 40MM



DC WHEEL 10\*4  
DIAMETER - 100 MM  
WIDTH - 40 MM



DUMMY WHEEL CONNECTOR



SPUR GEAR



WORM GEAR



ROBOTIC GRIPPER



GEARBOX



REMOTE CONTROL BOX



DC WHEEL 10\*4 HEAVY

DIAMETER - 100MM

WIDTH - 40MM



DC WHEEL 6\*1

# TURBO ENTERPRISES

Old no. 6, New no. 15,  
Athipattan street,  
Mount road, Chennai- 600 002.  
Email: [turboent@gmail.com](mailto:turboent@gmail.com)  
Ph. 044- 28589006