



#### sn-rcwl-0516 RCWL-0516 microwave radar sensor



#### sn-hc-sr501 HC-SR501 PIR sensor



#### gn-5dir-btn Five Direction Navigation Button



#### sn-hc-sr505 HC-SR505 Mini PIR



sn-hc-sr04 Ultrasonic Module HC-SR04 with bracket



# CH340 USB to TTL

mcu-ch340-ttl



### sn-040-pres 0-40KPa Pressure Sensor



#### sn-as5600-mgn AS5600 magnetic encoder



### sn-temt6000-lgt TEMT6000 Light Sensor



#### ld-ws2812-64-mtrx WS2812 64 LED matrix



#### sn-aht25-tem-hum AHT25 Temperature And Humidity Sensor



#### gn-ttp223-btn TTP223 Touch button



#### gn-mt3608-bst MT3608 DC-DC Step Up Boost Converter



## gn-12v-2a-pwm 12V 2A PWM Controller



#### ld-ssd1306-091-wht SSD1306 0.91 OLED 128X32 White



#### ld-ssd1306-091-bla SSD1306 0.91 OLED 128X32 Blue



#### ld-ssd1306-096-wht SSD1306 0.96 OLED 128X64 White



### ld-ssd1306-096-bla SSD1306 0.96 OLED 128X64 Blue



ld-ssd1306-096-ylw-bla SSD1306 0.96 OLED 128X64 Yellow Blue



## mcu-esp-01s-ttl ESP8266 ESP-01S with USB programmer



## mcu-esp32-cam-ttl ESP32 CAM with programmer



### sn-sgpt5053c-pht-trans 5mm Flat Lens, NPN Phototransistor SGPT5053C



### sn-sgpt324p-pht-trans 3mm Flat Lens, NPN Phototransistor SGPT324P



### sn-sgpd5051c6-pht-diod 5mm Flat Lens Photodiode SGPD5051C6



### sn-sgpt5953c-pht-drlg 5mm DARLINGTON Phototransistor SGPT5953C



### sn-sir4045-sgpt4045 940nm IR LED Pair, Emitting Diode SIR4045 and Phototransistor SGPT4045



### sn-sgpd638c9-pht-diod

Photodiode SGPD638C9



# 1N4001 Rectifier diod

cm-1n4001-rcf



cm-1n5406-diod 1N5406 diod



## SF28 Super Fast Rectifier

cm-sf28-diod



### cm-sn74hc595n-tht SN74HC595N



### cm-irlz44n-mft IRLZ44N mosfet



### cm-irf9540n-mft IRF9540N mosfet



### cm-bs170-mft BS170 TO-92 MOSFET



### cm-14-rst 1/4W metal film resistor



# sn-us1881-hls U18 US1881 TO-92 Hall Effect Sensor



## sn-49e-hls

SS49E 49E hall effect sensor



## sn-44e-hls A3144E 44E Hall Effect Sensor



## cm-lm317-vreg

LM317T Voltage Regulator



## gn-micro-adp MICRO USB to DIP Adapter



## sn-ds18b20-tmp DS18B20 TO-92 Digital Thermometer





## ld-10w-red

10W LED RED





## ld-10w-grn 10W LED Green



ld-10w-ww 10W LED warm White



## ld-10w-cw 10W LED cold White



## gn-act-bzr Active buzzer



## gn-psv-bzr Pussive buzzer



# 4.5V Laser Head

ld-45-lsr



# Laser Sensor Module

sn-Isr-sns



## sn-egbo-ky008 EGBO KY-008 650nm Laser Module



## gn-ss12d10-sw SS12D10 toggle switch



## gn-ss12d06-sw SS12D06 switch



#### gn-433mhz-ant 433MHZ Helical Antenna



#### gn-9767-mcrph 9x7mm 9767 Microphone



#### gn-6050-mcrph 6x5mm 6050 Microphone



# gn-mb102-bbrd MB102 breadboard



# sn-mq2-gas MQ-2 gas sensor



#### gn-ky-023-jstk ky-023 dual axis joystick



#### ld-5mm-rgb 5mm RGB LED



#### gn-bbrd-pwr M102 breadboard power supply



## gn-433-trs-rcv 433Mhz transmitter reciever



ld-7sgmt-4b-rc



# 7 segment 4 Bit Red Anode

ld-7sgmt-4b-ra





ld-7sgmt-1b-ra



gn-tctl-12127 Tactile Push Button Switch Momentary 12\*12\*7.3MM



### GY-BMI160 Accelerometer Gyroscope

sn-gy-bmi160-accl



#### gn-sw520-tlt SW-520D SW520 Tilt switch



#### mcu-nrf24l01-2.4 NRF24L01 wireless module 2.4G



#### mcu-cp2102-usb-ttl CP2102 USB to TTL



sn-htu21d-tmp-hum HTU21D Temperature and Humidity sensor



#### gn-9g-servo 9g Servo SG90/MG90S



#### gn-rc522-rfid MFRC-522 RC522 Antenna RFID Module



## gn-hx1838-ir IR Remote Module Kits HX1838



# gn-400p-bbrd 400 Points Breadboard



ld-max7219-mtrx-grn MAX7219 dot matrix Green



ld-max7219-mtrx-red MAX7219 dot matrix Red



### gn-5v-rly 1 Channel 5V Relay Module



#### gn-ec11-renc Rotary encoder EC11



## sn-tcrt5000-ir TCRT5000 IR Sensor



#### sn-bmp180-prs BMP180 Digital Barometric Pressure Sensor



#### gn-syb170-bbrd-wht SYB-170 Mini Breadboard White



# SYB-170 Mini Breadboard Red

gn-syb170-bbrd-red



cm-335-llc Logic Level Converter 3.3V 5V



#### gn-66-swt 4Pin 6\*6 Micro Push Button



#### sn-reed-swt Magnetic Reed Switch



#### sn-vs1838-ir VS1838 IR reciever



### cm-rv09-pot Rv09 Vertical 12.5mm potentiometer



ld-lcd1602-grn LCD1602 1602 LCD Green PCF8574T PCF8574 I2C





### sn-mq3-gas MQ-3 gas sensor



### sn-mq135-gas MQ-135 gas sensor



### sn-mq7-gas MQ-7 gas sensor



### gn-jmpr-wir 65pcs Jump Wire



## cm-trs-asrt Transistor assortment



### gn-44-swt-kypd 4x4 Membrane Switch Keypad



ld-tm1637-7sgm TM1637 4 Bits 7 Segment



# KY-037 Microphone

sn-ky-037-mic



### sn-lm393-phsns LM393 photo Sensor Module



### gn-syb170-bbrd-bla SYB-170 Mini Breadboard Blue



### gn-syb170-bbrd-blk SYB-170 Mini Breadboard Black



### gn-syb170-bbrd-grn SYB-170 Mini Breadboard Green



### gn-syb170-bbrd-ylw SYB-170 Mini Breadboard Yellow



### gn-pam8403-ampl PAM8403 digital class D amplifier



### gn-mini-360-bck Mini-360 Step-Down buck converter



# gn-mt3608-bst-usb MT3608 DC-DC Step Up Boost Converter USB



gn-sx1308-bst SX1308 DC-DC Step Up Boost Converter



# 3mm LED colors

ld-3mm-multc



# 5mm LED colors

ld-5mm-multc



# mcu-esp-12f ESP-12F esp8266



# mcu-d1-esp32-cp2104

D1-ESP32-CP2104



# mcu-rp2040-pico Raspberry Pi Pico



## cm-bss138-smd BSS138 SOT-23 Mosfet



# cm-lm393-smd LM393 SOP-8 Low Offset Voltage Dual Comparators



cm-lm358-smd LM358 SOP-8 Single Supply Dual Operational Amplifiers



### cm-ne555-smd NE555 SOP-8 Clock



# cm-lm324-smd LM324 SOP-14 Operational Amplifier



## cm-lm339-smd LM339 SOP-14 QUAD VOLTAGE COMPARATORS



# cm-lm393p-tht LM393 DIP B-version low voltage comparator





# cm-ysj12s YSJ-12S dual tone 12 English music



### cm-cd4017-tht CD4017 DIP-16 CMOS Decade Counte



cm-cd4001-tht CD4001 DIP-14 CMOS four NOR gates



#### cm-cd4011-tht CD4011 DIP-14 CMOS with four NAND gates



# cm-sn74hc86n-tht SN74HC86N DIP Quadruple 2-Input XOR Gates



# cm-sn74hc02n-tht SN74HC02N DIP Quadruple 2-Input NOR Gates





# cm-74ls04-tht 74LS04 DIP-14 Hex inverting gates





#### cm-2n3906-smd 2N3906 SOT-23 PNP transistor



#### cm-hd74ls00-tht HD74LS00 DIP Quadruple 2-Input NAND Gates





# cmm-cd4075-tht CD4075 DIP-14 Dual 4-Input OR Gate



#### cm-uln2803-smd ULN2803 SOP-18 high-voltage high-current Darlington transistor arrays



#### cm-irf510 IRF510 N-Channel mosfet



#### cm-2n3906-tht 2N3906 TO-92 PNP transistor



cm-2n3904-tht 2N3904 TO-92 Transistor



#### cm-mac97a6-tht MAC97A6 97A6 TO-92 Triacs



#### cm-2n5088-tht 2N5088 TO-92 Transistor



# cm-mac97a8-tht MAC97A8 TO-92 97A8 TO92 darlington



cm-ca3046-tht



#### cm-tip120 TIP120 Power Darlington Transistors



### cm-td62064apg-tht TD62064APG DIP-16 high-voltage, high-current darlington drivers



## cm-uln2803-tht ULN2803 DIP-18 high-voltage high-current Darlington transistor arrays



## LM3915 DIP-18 Dot/Bar Display Driver

cm-lm3915-tht



#### cm-irfp150 IRFP150 TO-247 N channel mosfet



#### LM3914 DIP-18 Dot/Bar Display Driver

cm-lm3914-tht



#### cm-2n3904-smd 2N3904 SOT-23 Transistor



#### cm-12d-12e-tht HT12D HT12E RF Encoder and Decoder



#### cm-sn74hc151n-tht SN74HC151N Selector, Multiplexer



#### cm-cd4040-tht CD4040 Binary counter



# SN7401N NAND gate

cm-sn7401n-tht



#### cm-lm386n-tht

LM386N-1 Class-AB audio amplifier



#### IRF540 TO-220 N channel mosfet

cm-irf540-to220



#### cm-bc557-to97 BC557 TO-97 PNP transistor



#### LM386M-1 SMD Class-AB audio amplifier

cm-lm386m-smd



cm-ws2811-smd WS2811 SOP-8 LED deriver





#### cm-pc817c-tht PC817C DIP-4 Optocoupler



### cm-mcp6002-tht MCP6002 DIP-8 Dual operational amplifier



### cm-sra-05vdc-cl SRA-05VDC-CL 5V relay



### cm-cap300-tht 300pcs Ceramic capacitor pack 2PF-0.1UF



### cm-ele120-tht 120pcs 12 value Electrolytic Capacitor



### kit-2dgt-counter Two Digit Decimal Counter CD4518



### kit-cd4017-strobe NE555 CD4017 flashing lights



### kit-heart-light Heart Shape Breathing Lamp



### kit-rot-lant Rotating LED Lantern



### kit-fm-radio Wireless Stereo FM



## kit-hourglass Hourglass kit



### AT89C2051 Digital 4 Bits Electronic Clock

kit-at89c2051-klck



### kit-555-flash NE555 Dual color Flash



### kit-alice-music Alice Music Kit







### kit-snd-flash Sound Control Flashing LED



### kit-mq5-detect Mq-5 gas detection acoustooptic alarm



### cm-8pin-socket 8 Pin DIP IC Sockets Adaptor



# 16 Pin DIP Sockets Adaptor

cm-16pin-socket



# cm-14pin-socket 14 Pin DIP Sockets Adaptor

AMS1117-5.0 LDO



#### cm-irfz44n-mft IRFZ44N Mosfet



LP2950ACZ 3.3V LDO





gn-bst3v3 Boost converter to 3.3V



gn-bst5v Boost converter to 5.0V



# gn-xl6009-bb XL6009 Boost Buck converter 3A



# gn-htsh-164 164pcs/Set heat shrink



#### cm-d882-tht D882 NPN transistor



#### cm-d772-tht D772 PNP transistor



# 18 Pin DIP Sockets Adaptor

cm-18pin-socket



# cm-1wclr-indc 120PCS DIP 1W 12 Kinds Color Ring Inductor



### cm-1w2clr-indc 120PCS DIP 1/2W 12 Kinds Color Ring Inductor



# gn-htsh-328 328pcs/Set heat shrink