



CATEGORY C · COMPONENTS & SUPPLIES

# Components Catalogue

Individual components, chips, sensors, and foundational hardware tools for tech hobbyists and industry. Browse here, then enquire in person or by contact, this is not an online store.

51 items across 8 categories · July 2026

**Lametronics Technologies Ltd**

Iyunga / Ikuti, Mbeya, Tanzania

**About this catalogue.** Prices are shown in Tanzanian shillings (Tsh) and are correct as of July 2026. Please confirm the price with us at the time of your order, as component costs can shift. This catalogue is for browsing only, we do not sell online; visit us in person or reach out through our contact page to order or ask about a part.

## Development Boards

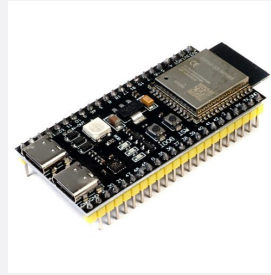
Microcontroller boards for building and programming custom projects.



**ESP32 Board, NodeMCU-32S (CP2102, USB-C)**  
Tsh 30,000



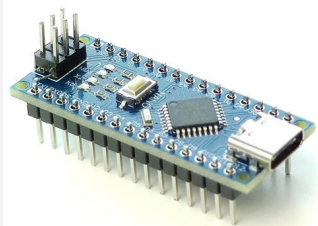
**ESP8266 Board, NodeMCU V4 (CH340, Type-C)**  
Tsh 25,000



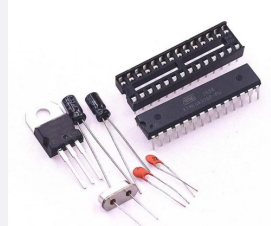
**ESP32-S3 DevKitC-1 (N16R8) Dev Board**  
Tsh 35,000



**Arduino Uno**  
Tsh 25,000



**Arduino Nano**  
Tsh 20,000



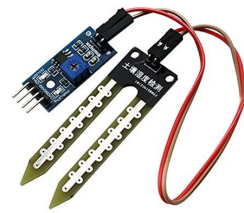
**Atmega Set**  
Tsh 15,000

## Sensors

Sensors for detecting motion, distance, moisture, light, and more.



**Ultrasonic Sensor**  
Tsh 12,000



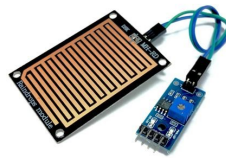
**Moisture Sensor**  
Tsh 12,000



**PIR Motion Sensor**  
Tsh 10,000



**IR Sensor**  
Tsh 5,000



**Rain Sensor**  
Tsh 5,000



**Heart Rate Sensor**  
Tsh 10,000



**LDR Sensor**  
Tsh 5,000

## Displays & Communication Modules

Screens and modules for showing information or connecting a project to a phone, network, or sound.



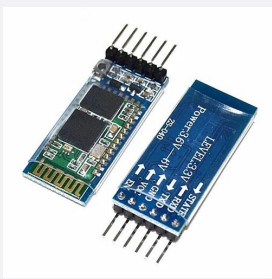
LCD1602 Display (Blue)  
Tsh 15,000



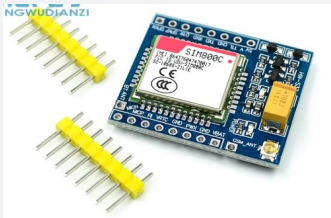
RFID Reader  
Tsh 15,000



DFPlayer Module  
Tsh 15,000



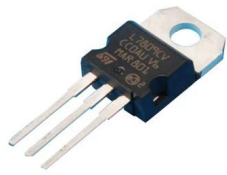
Bluetooth Module  
Tsh 15,000



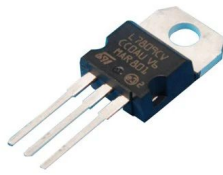
GSM Module (SIM800C)  
Tsh 25,000

## Power & Voltage Regulation

Keeping a project's power supply steady and at the right voltage.



**Voltage Regulator (5V)**  
**Tsh 2,000**



**Voltage Regulator (9V)**  
**Tsh 2,000**



**Voltage Regulator (12V)**  
**Tsh 2,000**



**DC to DC Converter**  
**Tsh 10,000**



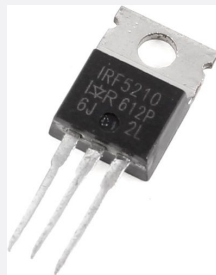
**TPS61088 Module**  
**Tsh 15,000**

## Semiconductors & Drivers

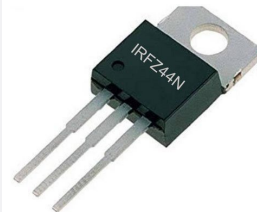
Transistors, diodes, and driver chips for switching and controlling current.



**BC547 (TO-92-3)**  
Tsh 500



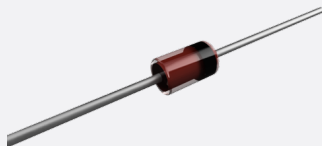
**P MOSFET**  
Tsh 2,000



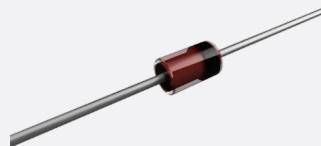
**N MOSFET**  
Tsh 2,000



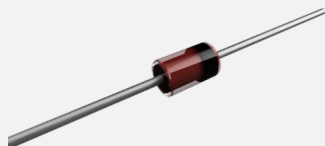
**Diode (1N4007)**  
Tsh 500



**Zener Diode (5V)**  
Tsh 1,000



**Zener Diode (9V)**  
Tsh 1,000



**Zener Diode (12V)**  
Tsh 1,000



**A4899**  
Tsh 12,000



**L293D Motor Driver**  
Tsh 10,000

## Motors & Relays

Motors and relay modules for adding movement or controlling higher-power loads.



**DC Motor**  
Tsh 2,000



**Stepper Motor**  
Tsh 10,000



**Relay Module**  
Tsh 5,000

## Switches & Controls

Buttons, switches, and input devices for controlling a project by hand.



**Buzzer**  
Tsh 1,000



**Push Button**  
Tsh 500



**Switch**  
Tsh 1,000



**Limit Switch**  
Tsh 10,000



**Joystick**  
Tsh 5,000



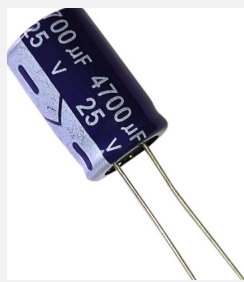
**4x4 Keypad**  
Tsh 7,000



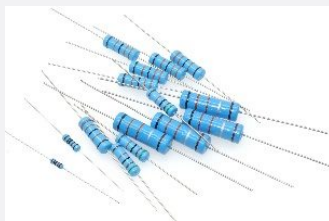
**IR Remote**  
Tsh 15,000

## Passive Components & Prototyping Supplies

The everyday basics for building and assembling a circuit.



**Capacitors**  
Tsh 300



**Resistors**  
Tsh 200



**LED**  
Tsh 300



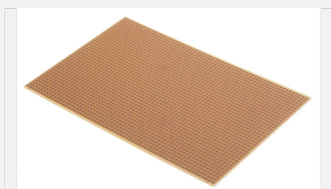
**Trimmer Potentiometer**  
Tsh 500



**Header Pins**  
Tsh 500



**Jumper Wires, Male to Male (Bundle)**  
Tsh 4,800



**Veroboard (10x15)**  
Tsh 2,000



**Glue Stick**  
Tsh 1,000



**9V Battery Clip**  
Tsh 1,500

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**Get in touch.** Phone / WhatsApp: +255 748 453 951 · Email: [info@lametronics.com](mailto:info@lametronics.com) · Open Monday to Saturday, 07:00 to 17:00 · Iyunga / Ikuti, Mbeya, Tanzania.