

# Parts Export

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Total Parts: 4

| Image                                                                             | Part Number | Name                                                           | Category                           | Manufacturer                                                                           | Description                                                                                                                                                                                                                                                                                                                                                                          | Specification                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | Tags                                                                                                                        |
|-----------------------------------------------------------------------------------|-------------|----------------------------------------------------------------|------------------------------------|----------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------|
|  | EDM-00009-A | PCB prototype board                                            | ED - Electronic Device             | Bud Industries, Twin Industries, BusBoard Prototype Systems, Keyestudio, Generic / OEM | High-quality 4&times;6 cm universal PCB prototype board designed for circuit prototyping and DIY electronics development. Manufactured using HASL surface finish and CNC-drilled through holes for reliable soldering and durability.                                                                                                                                                | Item Type: PCB Prototype Board Dimensions: 4 × 6 cm Length: 60 mm Width: 40 mm Board Thickness: 1.6 mm Copper Thickness: 1–4 oz Minimum Hole Size: 0.3 mm Weight (Unit): 6 g Pack Quantity: 2 Pieces Shipping Weight: 0.01 kg Shipping Dimensions: 7 × 5 × 1 cm                                                                                                                                                                                                                                                               | Double-Sided PCB • 4x6 cm • FR4 • Prototype Board • 2.54mm Pitch • DIY Electronics                                          |
|  | EMA-00009-A | ISD1820 Voice Recording & Playback Module with Mic and Speaker | EM - Electronic-Electrical Modules | Nuvoton Technology Corporation, Generic / OEM                                          | ISD1820 Module, Voice Recorder, 10s Audio, Playback Module, Onboard Mic, 8&Omega; Speaker, Arduino Compatible, Sound Board . The ISD1820 Voice Recording Module allows up to 10 seconds of audio recording stored in non-volatile analog flash memory. &nbsp;It features an onboard electret microphone, push-button controls, and supports external triggering via microcontroller. | IC Chip: ISD1820 Operating Voltage (VDC): 3 – 5 Recording Duration: Up to 10 seconds Memory Type: Non-Volatile Analog Flash Microphone: Onboard Electret Microphone Speaker: 8 ?, 0.5W Speaker Cable Length (cm): 20 Speaker Diameter (mm): 40 Control Options: Push Buttons or Microcontroller Digital Pin Interface: 2.54 mm Header Pins Length (mm): 42 Width (mm): 33.5 Height (mm): 11.5 Weight (g): 20 Shipping Weight: 0.022 kg Shipping Dimensions (L × W × H cm): 8 × 6 × 3                                          | Arduino Compatible • ISD1820 Module • Voice Recorder • 10s Audio • Playback Module • Onboard Mic • 8? Speaker • Sound Board |
|  | EMS-00019-A | Soil Moisture sensor                                           | EM - Electronic-Electrical Modules | Sensor Probe Manufacturer, Comparator Module Manufacturer, IC Manufacturer             | The Soil Moisture Sensor Module (YL-69 + FC-28) is a resistive soil humidity detection device used to measure water content in soil. It provides both analog (AO) and digital (DO) outputs with adjustable sensitivity using an onboard LM393 comparator. &nbsp;Ideal for smart irrigation systems, plant monitoring, Arduino, and IoT-based environmental projects.                 | Sensor Type: Resistive Soil Moisture Sensor Operating Voltage: 3.3V – 5V DC Output Type: Analog (AO) and Digital (DO) Digital Output: 0 or 1 (TTL Logic) Measurement Principle: Resistance-based conductivity measurement Sensitivity Adjustment: Onboard Potentiometer (for digital threshold) Probe Dimension: Approx. 6 cm × 3 cm Cable Length: 20 cm Interface Pins: VCC, GND, DO, AO Shipping Weight: 0.02 kg Shipping Dimensions (cm): 8 × 6 × 3                                                                        | Arduino Compatible • Soil Moisture Sensor • YL-69 • FC-28 • LM393 • Resistive Soil Sensor • Irrigation Sensor               |
|  | MMD-00002-B | TowerPro SG90 Servo Motor                                      | MM - Mechanical Module             | TowerPro, MWduino Compatible, Generic                                                  | Compact 9g micro servo motor with 180&deg; rotation for precise angular control. Delivers 1.2&ndash;1.6 kg&cdot;cm torque with fast response speed for robotics and RC applications. Compatible with Arduino and microcontrollers using standard PWM control.                                                                                                                        | Item Type: TowerPro Servo Motor Model Series: SG Series Model No.: SG90 Rotation (Degree): 180° Torque Rating (kg-cm): 1.2 to 1.6 Operating Voltage (VDC): 3.0 – 7.2 Operating Speed @ 4.8V: 0.10 sec/60° Stall Torque @ 4.8V (kg-cm): 1.2 Stall Torque @ 6.6V (kg-cm): 1.6 Operating Temperature (°C): -30 to 60 Gear Type: Glass Fiber Servo Plug Type: JR Cable Length (cm): 25 Length (mm): 22.8 Width (mm): 12.6 Height (mm): 34.5 Weight (g): 9 Shipping Weight: 0.014 kg Shipping Dimensions (L × W × H): 8 × 6 × 4 cm | SG90 Servo • 9g Servo Motor • Micro Servo • RC Servo • Arduino Servo                                                        |