

Parts Export

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Total Parts: 20

Image	Part Number	Name	Category	Manufacturer	Description	Specification	Tags
	EDD-00002-A	Red LED	ED - Electronic Device	Generic	Red Light Emitting Diode (LED) used as a visual indicator in electronic circuits and projects. Features a 10mm DIP package that emits bright red light with low power consumption and long operating life. Ideal for TVs, monitors, telephones, computers, status indicators, prototyping, educational experiments, DIY electronics, and general-purpose electronic applications.	Case/Package: DIP Diameter (mm): 10 Mounting Type: Through Hole Lens Appearance: Transparent Color: Red Forward Voltage (V): 2 Forward Current (mA): 30 Shipping Weight: 0.001 kg Shipping Dimensions (L × W × H): 1 × 1 × 1 cm	Red LED • Indicator LED • Through Hole LED • DIP LED • 10mm LED
	EDD-00002-B	Green LED	ED - Electronic Device	Generic	Green Light Emitting Diode (LED) used as a visual indicator in electronic circuits and projects. Features a 3mm round transparent package that emits bright green light with low power consumption and long service life. Ideal for TVs, monitors, telephones, status indicators, DIY electronics, prototyping, educational experiments, and general-purpose electronic applications.	Case/Package: DIP Diameter (mm): 8 Mounting Type: Through Hole Lens Appearance: Transparent Color: Green Forward Voltage (V): 3.5 Forward Current (mA): 30 Shipping Weight: 0.001 kg Shipping Dimensions (L × W × H): 1 × 1 × 1 cm	Indicator LED • Through Hole LED • DIP LED • Green LED • 8mm LED
	EDD-00002-C	Yellow LED	ED - Electronic Device	Generic	Yellow Light Emitting Diode (LED) used as a visual indicator in electronic circuits and projects. Features a 10mm DIP package with a transparent body that emits bright yellow light. Ideal for TVs, monitors, telephones, computers, status indicators, control panels, prototyping, educational experiments, DIY electronics, and general-purpose electronic applications.	Case/Package: DIP Diameter (mm): 10 Mounting Type: Through Hole Lens Appearance: Transparent Color: Yellow Forward Voltage (V): 3.2 Forward Current (mA): 30 Shipping Weight: 0.001 kg Shipping Dimensions (L × W × H): 1 × 1 × 1 cm	Indicator LED • Through Hole LED • DIP LED • 10mm LED • Yellow LED
	EDD-00002-D	Blue LED	ED - Electronic Device	Generic	Blue Light Emitting Diode (LED) used as a visual indicator in electronic circuits and projects. Features a 3mm round transparent package that emits bright blue light with low power consumption and long operating life. Ideal for TVs, monitors, telephones, computers, DIY electronics, prototyping, educational experiments, and professional applications.	Mounting Type: Through HoleThrough Hole LED Size (mm): 3 No. of Pins: 2 Color: Blue Head Shape: Round Shipping Weight: 0.001 kg Shipping Dimensions (L × W × H): 1 × 1 × 1 cm	Indicator LED • Through Hole LED • 3mm LED • DIP LED • Blue LED • Round LED
	EDD-00002-E	White LED	ED - Electronic Device	ED Series / Generic	White Light Emitting Diode (LED) used as an indicator or illumination source in electronic circuits and projects. Features a 3mm DIP package with a transparent housing that emits bright white light. Ideal for display panels, electronic devices, status indicators, DIY electronics, prototyping, educational experiments, and professional electronic applications.	Manufacturer: ED Series / Generic Compatible – White LED (3mm, DIP Type) Case/Package: DIP Mounting Type: Through Hole Lens Appearance: Transparent Color: White Forward Voltage (V): 2.8 Forward Current (mA): 30 Shipping Weight: 0.001 kg Shipping Weight: 1 × 1 × 1 cm	Indicator LED • Through Hole LED • White LED • 3mm LED • DIP LED
	EDD-00003-A	RGB LED Module	ED - Electronic Device	ED Series / XINGLIGHT, XINGLIGHT	5mm RGB LED module with a common cathode configuration and transparent lens for vibrant multi-color illumination. Combines red, green, and blue LEDs in a single through-hole package, enabling a wide range of colors through color mixing. Ideal for indicator panels, Arduino projects, DIY electronics, decorative lighting, visual feedback systems, and educational applications.	Manufacturer: XINGLIGHT Model No.: XL-A524SURSYGC Package: Plugin, D = 5mm Forward Current (mA): 20 Color Temperature: - Peak Wavelength (nm): 640 (Red) 572 (Green: Yellow) Luminous Intensity (mcd): 600 (Red) 550 (Green: Yellow) Lens Color: Colorless Transparent Diode Configuration: Common Cathode Wavelength – Dominant (nm): 635–640 (Red) 565–575 (Green: Yellow) Operating Temperature (°C): -20 ~ +85 Illumination Color: Red, Green-Yellow Viewing Angle: 30° Lamp Holder Type: 5mm Round Head Power (mW): 50 Forward Voltage (Vf): 2.3V (Red) 2.4V (Green: Yellow) Mounting Type: Through Hole Compliance: RoHS	RGB LED • 5mm LED • Common Cathode LED • Indicator LED • Through Hole LED

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	EDD-00003-B	RGB LED Module	ED - Electronic Device	Jameco ValuePro, Jameco ValuePro, Adafruit Industries	5mm high-brightness RGB LED module with a common anode configuration. Emits red, green, and blue light, allowing a wide range of colors through color mixing. Suitable for status indicators, Arduino projects, decorative lighting, educational experiments, displays, and DIY electronics. Easy to interface with microcontrollers for dynamic lighting and visual effects.	Manufacturer: Generic Model Type: Common Anode RGB LED Package: 5mm Round (Clear Lens) Color: Red, Green, Blue Configuration: Common Anode Brightness: High Current Consumption: Low Operating Voltage: 2.0–3.2V (per color) Forward Current (mA): 20 (per channel) Power Efficiency: High Luminous Output, Low Heat Material: Epoxy Resin, Gold Wire Leads Mounting Type: Through Hole Item Size: 5mm Shipping Weight: 0.001 kg Shipping Dimensions (L × W × H): 1 × 1 × 1 cm	RGB LED • 5mm LED • Indicator LED • Through Hole LED • Common Anode LED
No Image	EDD-00004-A	7 Segment Display	ED - Electronic Device	Lite-On Technology, Kingbright, Generic / OEM	The 0.56" 1-Digit 7-Segment LED Display is a single-digit numeric display (0–9) using seven LED segments. It has a common cathode configuration with bright visibility. It is widely used in counters, clocks, meters, Arduino projects, and embedded systems.	Model: 7 Segment LED Display Digit Count: 1 Digit Display Size: 0.56 Inch Configuration Type: Common Cathode Emitting Color: Red Face Color: Black Number of Pins: 10 Forward Voltage (V): 1.8 – 2.2 (Typical for Red LED) Forward Current (mA): 20 (Typical) Mounting Type: PCB Through Hole Characteristics: High Brightness, Low Current Consumption, Easy to Use Length (Inch): 0.56 Shipping Weight: 0.02 kg Shipping Dimensions (L × W × H cm): 6 × 4 × 2	Arduino Compatible • 0.56" 7-Segment • 1 Digit Display • Red LED • Common Cathode • 5161AS • Through Hole • Numeric Display
No Image	EDM-00005-D	Arduino Shield	ED - Electronic Device	Arduino, Keyes, DFRobot, Seeed Studio, Generic	The Arduino UNO ProtoShield is an expansion board for Arduino UNO that breaks out all I/O pins for easy prototyping. It allows building custom circuits using soldering or a mini breadboard and supports both through-hole and SMD components. It is widely used for circuit testing, prototyping, and embedded system development.	Breadboard Points: 170 Breadboard Size: 4.8×3.4 cm Shield Size: 7×5.4 cm	DIY • Electronics • pcb • arduino shield • prototyping shield • uno shield • development
	EDM-00006-A	Header Pin Strip	ED - Electronic Device	Samtec, Amphenol, Harwin, TE Connectivity, Molex	The Break-Away Header Pin Strip is a customizable PCB connector that can be cut to any length. It is used for through-hole mounting and provides flexible pin configurations for electronic circuits. It is commonly used in Arduino projects, embedded systems, shields, and prototyping applications.	Pitch Size: 2.54mm (0.1 Inch) Connector Type: Male Pin Header Number of Pins: 40 Pins Mounting Type: Through Hole Current Rating: 3A Typical	Male Header • Pin Header • PCB Connector • Arduino Header • Breakaway Header • 2.54mm Header
	EDM-00007-A	Female Header Strip	ED - Electronic Device	Samtec, Amphenol, Harwin, TE Connectivity, Molex	The 2×40 Pin Female Double Row Header Strip is a PCB connector with two rows of 40 pins used for board-to-board and module connections. It provides reliable and organized electrical connectivity and is commonly used in Arduino shields, Raspberry Pi interfaces, embedded systems, and prototyping projects.	Pitch Size: 2.54mm (0.1 Inch) Connector Type: Female Header Socket Number of Pins: 40 Pins Mounting Type: Through Hole Current Rating: 3A Typical	PCB Connector • 2.54mm Header • Female Header • Socket Header • Arduino Connector • Female Pin Header
	EDR-00001-100Z	Resistor - 100 Ohm	ED - Electronic Device	Yageo, Vishay, KOA Speer, TE Connectivity, Generic	The Carbon Film Resistor Pack includes multiple resistor values such as 100? and others for convenience. These resistors offer stable performance with low noise and are commonly used in Arduino projects, RF circuits, and general electronic applications.	Series: – Resistance (Ohm): 100 Tolerance (%): 1 Power Rating: 250mW Composition: Metal Film Temperature Coefficient: +/-50ppm/°C Operating Temperature (°C): -40 ~ 150 Case/Package: Axial Length (mm): 6 Mounting Type: Through Hole Shipping Weight: 0.001 kg Shipping Dimensions: 1 × 1 × 1 cm	resistor • 100ohm • carbon film • passive component
	EDR-00001-10K0	Resistor - 10K Ohm	ED - Electronic Device	Yageo, Vishay, KOA Speer, TE Connectivity, Generic	The Carbon Film Resistor Pack is a set of resistors with multiple values like 10?, 100?, and 1K?. They offer stable performance, low noise, and are widely used in Arduino projects, embedded systems, and general electronic circuits.	Power: 1/4 W Resistance: 100 ? Resistance Tolerance: 5% Type: Carbon Film Resistors	Through Hole • carbon film • 10k resistor • 0.25w • passive • axial
	EDR-00001-1K00	Resistor - 1K Ohm	ED - Electronic Device	Yageo, Vishay, KOA Speer, TE Connectivity, Generic	The 1K Ohm Carbon Film Resistor is a passive component used to limit current and control voltage in electronic circuits. It offers reliable performance with good stability and low noise and is commonly used in Arduino projects, signal processing, and embedded systems.	Series: – Resistance (Ohm): 1k Tolerance (%): 1 Power Rating: 250mW Composition: Metal Film Temperature Coefficient: +/-50ppm/°C Operating Temperature (°C): -40 ~ 150 Case/Package: Axial Length (mm): 6 Mounting Type: Through Hole Shipping Weight: 0.001 kg Shipping Dimensions: 1 × 1 × 1 cm	carbon film • 0.25w • passive • 1k resistor

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	EDR-00001-1M00	Resistor - 1M Ohm	ED - Electronic Device	Yageo, Vishay, KOA Speer, TE Connectivity, Generic	The 1M Ohm 0.25W Metal Film Resistor is a passive component used to provide high resistance and control current in electronic circuits. It offers stable, precise performance with low noise and is commonly used in signal conditioning, sensor circuits, Arduino projects, and embedded systems.	Series: - Resistance (Ohm): 1M Tolerance (%): 1 Power Rating: 250mW Composition: Metal Film Temperature Coefficient: +/-50ppm/°C Operating Temperature (°C): -40 ~ 150 Case/Package: Axial Length (mm): 6 Mounting Type: Through Hole Shipping Weight: 0.001 kg Shipping Dimensions: 1 × 1 × 1 cm	0.25w • passive • 1m resistor • metal film
	EDR-00001-220Z	Resistor - 220 Ohm	ED - Electronic Device	Yageo, Vishay, KOA Speer, TE Connectivity, Generic	The 220 Ohm 0.25W Metal Film Resistor is a passive component used to limit current and control voltage in electronic circuits. It provides stable, accurate resistance with low noise and high reliability. It is commonly used in LED circuits, Arduino projects, and embedded systems.	Series: – Resistance (Ohm): 220 Tolerance (%): 1 Power Rating: 250mW Composition: Metal Film Temperature Coefficient: +/-50ppm/°C Operating Temperature (°C): -40 ~ 150 Case/Package: Axial Length (mm): 6 Mounting Type: Through Hole Shipping Weight: 0.001 kg Shipping Dimensions: 1 × 1 × 1 cm	
	EDR-00001-330Z	Resistor - 330 Ohm	ED - Electronic Device	Yageo, Vishay, KOA Speer, TE Connectivity, Generic	The 330 Ohm 0.25W Metal Film Resistor is a passive component used to limit current and control voltage in electronic circuits. It offers stable, accurate resistance with low noise and is commonly used in LED circuits, Arduino projects, and embedded systems.	Series: – Resistance (Ohm): 330 Tolerance (%): 1 Power Rating: 250mW Composition: Metal Film Temperature Coefficient: +/-50ppm/°C Operating Temperature (°C): -40 ~ 150 Case/Package: Axial Length (mm): 6 Mounting Type: Through Hole Shipping Weight: 0.001 kg Shipping Dimensions: 1 × 1 × 1 cm	
	EDR-00001-680Z	Resistor - 680 Ohm	ED - Electronic Device	Yageo, Vishay, KOA Speer, TE Connectivity, Generic	The 680 Ohm 0.25W Metal Film Resistor is a passive component used to limit current and control voltage in electronic circuits. It offers stable, precise resistance with low noise and is commonly used in LED circuits, Arduino projects, and embedded systems.	Series: – Resistance (Ohm): 680 Tolerance (%): 1 Power Rating: 250mW Composition: Metal Film Temperature Coefficient: +/-50ppm/°C Operating Temperature (°C): -40 ~ 150 Case/Package: Axial Length (mm): 6 Mounting Type: Through Hole Shipping Weight: 0.001 kg Shipping Dimensions: 1 × 1 × 1 cm	resistor • carbon film • 0.25w • passive • axial • 680ohm
	EDR-00002-10K0	Potentiometer	ED - Electronic Device	ED Series / Generic Compatible, Bourns, Alpha, Omega	10K? rotary potentiometer used for adjusting voltage, current, and signal levels in electronic circuits. Features smooth single-turn rotation, a durable 15mm shaft, and through-hole mounting for easy installation. Ideal for audio volume control, Arduino analog inputs, sensor calibration, circuit tuning, embedded systems, prototyping, and educational electronics projects.	Manufacturer: Generic Resistance (Ohm): 10K Tolerance (%): 20 Temperature Coefficient: ±100ppm/°C Operating Temperature (°C): -40 to 80 Mounting Type: Through Hole Shaft Type: 15mm Rotary Shaft Adjustment Type: Single Turn Length (mm): 20 Width (mm): 17 (Body Diameter) Height (mm): 24 Weight (g): 6 Shipping Weight: 0.001 kg Shipping Dimensions (L × W × H): 1 × 1 × 1 cm	10K Potentiometer • Rotary Pot • Variable Resistor • WH148 Potentiometer • 3-Pin Pot
	EDS-00006-A	IC NE 555	ED - Electronic Device	Texas Instruments, STMicroelectronics, ON Semiconductor, NXP, Generic	The NE555 Timer IC is a precision timing chip used to generate delays, pulses, and oscillations. It works in monostable and astable modes and is widely used in timers, LED flashing circuits, pulse generators, and electronics projects.	Case/Package: PDIP 8 Min Supply Voltage: 4.5 Max. Supply Voltage (V): 16 Product Type: Timers & Support Products Processor Series: NE555 No. of Timers/Counters: 1 Operating Temperature (°C): 0 to 70 Dimensions (L x W x H) mm: 9.81 x 4.57 x 6.35 Mounting Type: Through Hole	Electronics • ne555 • timer ic • oscillator • pulse generator • ic • astable