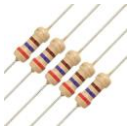
ElectroZone Components

Price list and component guide. Prices are examples for this project.

Photo	Component	Details	Price
	**Resistor (carbon film)**	Limits current. Values 10 ohm to 1 M ohm.	Rs. 5 / pack of 10
	**Inductor / coil**	Stores energy in a magnetic field; used in filters.	Rs. 25 each
	**Transformer 230V to 12V**	Steps AC voltage up or down.	Rs. 180 each
	**Rectifier diode 1N4007**	Lets current flow one way only.	Rs. 10 / pack of 10
	**Zener diode**	Regulates voltage, e.g. 5.1 V.	Rs. 15 / pack of 10
	**LED 5 mm (assorted colours)**	Glows when current flows. Use with a resistor.	Rs. 20 / pack of 10
	**Transistor BC547**	NPN switch or amplifier.	Rs. 20 / pack of 10
	**Crystal oscillator**	Gives an accurate clock frequency.	Rs. 15 each
	**Relay module 5 V**	Switches mains loads from a small signal.	Rs. 70 each
	**Integrated circuit (DIP)**	Many components in one chip.	Rs. 25 each
	**Arduino Uno (WiFi)**	Popular learning board with WiFi.	Rs. 2,500 each
	**Arduino Nano**	Small breadboard-friendly board.	Rs. 450 each
	**Arduino Mega 2560**	Many I/O pins for big projects.	Rs. 1,100 each

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	**STM32 development board**	32-bit ARM microcontroller board.	Rs. 350 each
	**Breadboard + jumper wires**	Build circuits without soldering.	Rs. 150 / kit
	**Bench power supply 0-36 V**	Adjustable voltage and current.	Rs. 6,500 each

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