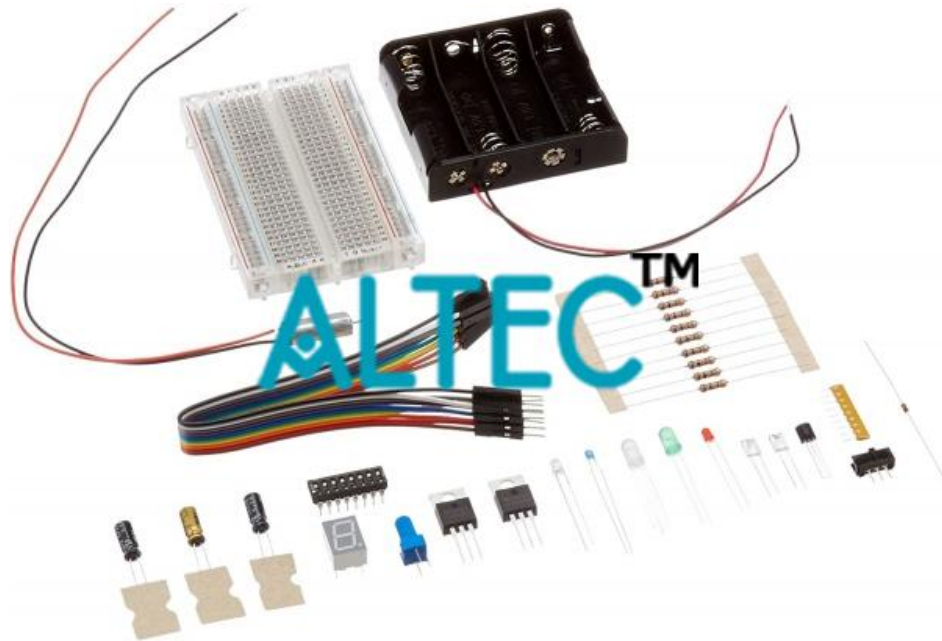| **Product Name :**	**Product Code :**
Breadboard Pack	ROBT10500006

Description :

Breadboard Pack

Technical Specification :

The breadboard and its components lets you build breadboard projects and connect them to the Hub through its Breadboard Connector pins.

The components in this pack connect to the Hub with Launch Pad Board breadboard connector.

Contains the needed components for the Path to STEM Projects activities.

Pack contains a breadboard and multiple components to explore such as LEDs, Resistors, Thermistor, Switches, Potentiometer, Segment Display, Small DC motor, and more.

The Breadboard Pack is ideal for use in exploring electronics principles.

The Breadboard Pack contains:

Breadboard 2 x 3 inches

Forty (40) – Male to male breadboard jumper cables

Ten (10) – Male to female breadboard jumper cables

Assorted LEDs (five (5) green, ten (10) red, two (2) RGB)

Assorted resistors (ten (10) each of 100 Ohm, 1K Ohm, 10K Ohm, 100K Ohm, 10M Ohm)

Assorted capacitors (one (1) each of 100 µF, 10 µF, 1 µF)

Seven segment display

940nm Infrared transmitter and receiver

SPDT slide switch

Eight-position DIP switch

Eight (8) 100 Ohm resistor SIP package

Two (2) Power MOSFET

Thermistor

Analog temperature sensor

Potentiometer with knob

Small DC motor

Diode

Light sensor

Four (4) AA battery holder