

**RoHS
Compliant**



Description:



This box contains various accessories needed for different parts of the Super:bit mission, including preparation, follow-up tasks, or bonus missions. Some items, like LEDs, are available in larger quantities, while others, like the LED strip, are included as single units. Organize the contents into the appropriate compartments. Each compartment has English labels at the bottom, and Norwegian terms can be found on the last page of this sheet. All equipment can be used with the micro:bits, and some items may also require connection to a bit:bot.

Box Content:

LED, Built-in 500Ω Resistor, White, Through Hole, T-3 (10mm)	LED, Built-in 500Ω Resistor, Yellow, Through Hole, T-3 (10mm)	LED, Built-in 500Ω Resistor, Green, Through Hole, T-3 (10mm)	LED, Built-in 500Ω Resistor, Blue, Through Hole, T-3 (10mm)	LED, Built-in 500Ω Resistor, Red, Through Hole, T-3 (10mm)	LED, Built-in 500Ω Resistor, White, Through Hole, 5mm
Analog Servo Motor, 6V, 180° 5 pieces		Analog Continuous Rotation Servo Motor, 6V, 360° 5 pieces		Digital RGB LED Strip 1 pece	3V DC Audio Indicator 5 pieces

Kit Contents

Image	Manufacturer Part No	Product Title
	MP-703-1066 (Order Code: 3359805)	LED, Built-in 500Ω Resistor, White, Through Hole, 5mm, 20 mA, 13 V, 450 nm (Pack of 30)
	MP-703-1067 (Order Code: 3359806)	LED, Built-in 500Ω Resistor, Red, Through Hole, T-3 (10mm), 20 mA, 12 V, 630 nm (Pack of 40)
	MP-703-1068 (Order Code: 3359807)	LED, Built-in 500Ω Resistor, Blue, Through Hole, T-3 (10mm), 20 mA, 13 V, 475 nm (Pack of 40)
	MP-703-1069 (Order Code: 3359808)	LED, Built-in 500Ω Resistor, Green, Through Hole, T-3 (10mm), 20 mA, 13 V, 520 nm (Pack of 40)
	MP-703-1070 (Order Code: 3359809)	LED, Built-in 500Ω Resistor, Yellow, Through Hole, T-3 (10mm), 20 mA, 12 V, 596 nm (Pack of 40)
	MP-703-1071 (Order Code: 3359810)	LED, Built-in 500Ω Resistor, White, Through Hole, T-3 (10mm), 20 mA, 13 V (Pack of 40)
	MP-703-1065 (Order Code: 3359811)	Digital RGB LED Strip, 20 LEDs, 330mm
	MP-708-0002 (Order Code: 3359812)	Analog Continuous Rotation Servo Motor, 6V, 360°

Image	Manufacturer Part No	Product Title
	MP-708-0001 (Order Code: 3359813)	Analog Servo Motor, 6V, 180°
	MP-ABI-050-RC (Order Code: 2534976)	3V DC Audio Indicator

A few tips

Here are some tips about the components:

LEDs

These have both a positive and a negative pin, with the longer one being the positive.

Servos

These connect to a dedicated port on a micro:bit, ensuring they receive enough power to function effectively. Some can rotate a full 360 degrees, while others rotate only halfway, up to 180 degrees. The box contains five of each type.

RGB LED strip

These can be programmed to light up in various colors and will be used later in bonus missions.

Speakers

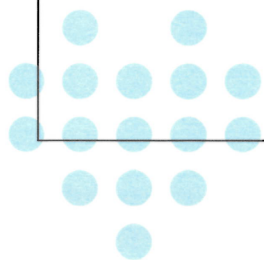
The pins on these are very close together, so gently bend them slightly outward to prevent them from touching and causing a short circuit.

[>]super:bit

[>]super:bit

Innhold i hvert av rommene

10 mm hvite lysdioder (LED)	10 mm gule lysdioder (LED)	10 mm grønne lysdioder (LED)	10 mm blå lysdioder (LED)	10 mm røde lysdioder (LED)	5 mm hvite lysdioder (LED)
5 stk. servoer 180 grader		5 stk. servoer 360 grader		1 stk. RGB lysdiodestripe (NeoPixel)	5 stk. høyttalere



Part Number Table

Description	Part Number
SUPER:BIT COMPONENT KIT, BBC MICRO:BIT	SUPER:BIT COMPONENT KIT

Important Notice : This data sheet and its contents (the "Information") belong to the members of the AVNET group of companies (the "Group") or are licensed to it. No licence is granted for the use of it other than for information purposes in connection with the products to which it relates. No licence of any intellectual property rights is granted. The Information is subject to change without notice and replaces all data sheets previously supplied. The Information supplied is believed to be accurate but the Group assumes no responsibility for its accuracy or completeness, any error in or omission from it or for any use made of it. Users of this data sheet should check for themselves the Information and the suitability of the products for their purpose and not make any assumptions based on information included or omitted. Liability for loss or damage resulting from any reliance on the Information or use of it (including liability resulting from negligence or where the Group was aware of the possibility of such loss or damage arising) is excluded. This will not operate to limit or restrict the Group's liability for death or personal injury resulting from its negligence. Multicomp Pro is the registered trademark of Premier Farnell Limited 2019.