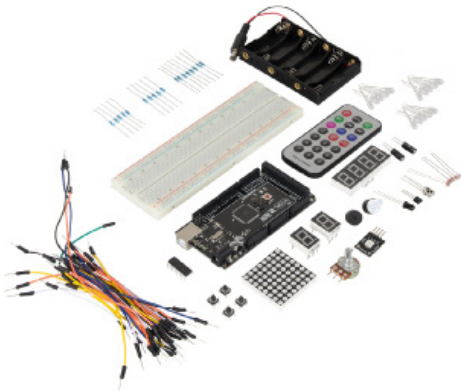


MEGA2560

Mikrocontroller Learning -Kit



The set consists of 86 pieces. These are a Mega2560 microcontroller board, 2 breadboards, one USB cable, a battery holder, an IR remote control, one 4-digit segment display, 2x 1-digit segment displays, one 8x8 LED matrix, a potentiometer, one RGB LED, 5 blue LEDs, 5 yellow LEDs, 5 red LEDs, 4 buttons, a temperature sensor (LM35), 2 tilt switches, an IR receiver, one active buzzer, one passive buzzer, 3 photoresistors, a flame sensor, 18 resistors (5x 1k Ω , 8x 220 Ω , 5x 10k Ω), a shift register (SN74HC595N) and 30 cables.

MAIN FEATURES

Model	Mega2560 Mikrocontroller Learning-Kit
Mikrocontroller	ATmega2560R3
Projects	20 different projects
Manual	Incl. project manual of 63 pages as download and a printed quick reference guide

MIKROCONTROLLER

Input - Voltage	7 - 12 V
Input - Voltage (max.)	6 - 20 V
Digital IO	54 (14 with PWM)
Analog IO	16
DC Current IO	40 mA
DC Current 3.3V	50 mA
Memory	256kB (8kB Bootloader)
SRAM	8 kB
EEPROM	4 kB
Clock Speed	16 MHz
Dimensions	101.52 x 53.3 mm