

# ESP32C

## ESP32-CAM WIFI-BLUETOOTH CAMERA MODULE OV2640



- Wireless Module: ESP32-S WiFi 802.11 b/g/n + Bluetooth 4.2 LE module with PCB antenna, u.FL connector, 32Mbit SPI flash, 4MBit PSRAM.
- External Storage: micro SD card slot up to 4GB.
- FPC connector.
- Support for OV2640 (sold with a board) or OV7670 cameras.
- Image Format: JPEG( OV2640 support only ), BMP, grayscale.
- LED flashlight.
- Expansion: 16x through-holes with UART, SPI, I2C, PWM.
- Misc: Reset button.
- Power Supply: 5V via pin header.
- Power Consumption. Dimensions (ESP32): 40 x 27 x 12 (LxWxH) mm.
- Temperature Range: Operating: -20 ? ~ 85 ?; storage: -40 ? ~ 90 ? @ < 90%RH.