Electronics Projects with the ESP8266 and ESP32

Updates

Listing5-3 is based on version 2.8.0 of the *IRremote* library for the ESP32 microcontroller.
Listing5-3_NEW is based on version 3.0.2 of the *IRremote* library.

Library version 3.0.2 instruction `IrReceiver.begin(IRpin)` replaces library 2.8.0 instructions `IRrecv irrecv(IRpin)`, `decode_results reading` and `irrecv.enableIRIn()`. The library version 3.0.2 instruction `if(IrReceiver.decode())` replaces the instruction `if(irrecv.decode(&reading))`.

Received data is accessed in library version 3.0.2 from `IrReceiver.decodedIRData` (`protocol`, `command` and `numberOfBits`), rather than from `reading` (`decode_type`, `value` and `bits`) in library version 2.8.0.

ESP32 analog input (pages 632-633) The GPIO pins 0, 2, 4, 12, 13, 14, 15, 25, 26 and 27 are also available for analog input, but not when Wi-Fi is in use.

ESP-MESH protocol could have been included in Chapter 14: *ESP-NOW and LoRa communication*, but the book already covered many topics and a line had to be drawn somewhere.
Details of ESP-MESH with sketches are included in the folder *ESP-MESH*.

Corrections

Despite repeatedly checking the page proofs, some typos persevered.
If you find other typos, then please use *GitHub Issues* to log the typo.

Page 172 text line 7	change `R"(===` and `===)"` to `R"===(` and `)==="`
Page 207 text line 1	delete "or app"
Page 233 line 11	change `servoFb.write(N)` to `servoFB.write(N)`
Page 588 listing line 3	in the comment, change Wi-FI to Wi-Fi

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