

(Top)

Espressif IoT Development Framework Configuration

SDK tool configuration --->  
Build type --->  
Application manager --->  
Bootloader config --->  
Security features --->  
Serial flasher config --->  
Partition Table --->  
Compiler options --->  
**Component config --->**  
Compatibility options --->

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[O] Load [?] Symbol info [/] Jump to symbol  
[F] Toggle show-help mode [C] Toggle show-name mode [A] Toggle show-all mode  
[Q] Quit (prompts for save) [D] Save minimal config (advanced)

ESP-IDF 4.3 CMD - "C:\Users\Kfs-Forschung\espressif\idf\_cmd\_init.bat" esp-idf-03e14bb1092ff63d98e2c7167364604c - python.exe C:/Users/Kfs-Forschung/Desktop/esp-idf/tools/idf.py menuconfig

(Top) → Component config

Espressif IoT Development Framework Configuration

Application Level Tracing --->  
ESP-ASIO --->  
Bluetooth --->  
[ ] ESP BLE Mesh Support ----  
CoAP Configuration --->  
Driver configurations --->  
eFuse Bit Manager --->  
ESP-TLS --->  
ESP32-specific --->  
ADC-Calibration --->  
Common ESP-related --->  
Ethernet --->  
Event Loop Library --->  
GDB Stub ----  
ESP HTTP client --->  
HTTP Server --->  
ESP HTTPS OTA --->  
ESP HTTPS server --->  
ESP NETIF Adapter --->  
Power Management --->  
ESP System Settings --->  
High resolution timer (esp\_timer) --->  
Wi-Fi --->  
PHY --->  
Core dump --->  
FAT Filesystem support --->  
Modbus configuration --->  
FreeRTOS --->  
Heap memory debugging --->  
jsmn --->  
libsodium ----  
Log output --->  
LWIP --->  
mbedtls --->  
mDNS --->  
ESP-MQTT Configurations --->  
Newlib --->  
NVS ----  
OpenSSL --->  
PThreads --->  
SPI Flash driver --->  
SPIFFS Configuration --->  
TCP Transport --->  
TinyUSB ----  
Unity unit testing library --->  
Virtual file system --->  
Wear Levelling --->  
Wi-Fi Provisioning Manager --->  
Supplicant --->

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(Top) → Component config → Bluetooth

Espressif IoT Development Framework Configuration

[\*] Bluetooth  
Bluetooth controller(ESP32 Dual Mode Bluetooth) --->  
Bluetooth Host (Bluedroid - Dual-mode) --->  
Bluedroid Options --->

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(Top) → Component config → Bluetooth → Bluedroid Options
Espressif IoT Development Framework Configuration
(3072) Bluetooth event (callback to application) task stack size
  The cpu core which Bluedroid run (Core 0 (PRO CPU)) --->
(4096) Bluetooth Bluedroid Host Stack task stack size
[ ] Bluedroid memory debug
[*] Classic Bluetooth
[ ]   A2DP
[*]   SPP
[ ]   Hands Free/Handset Profile
[ ] Classic BT HID Host
[*] Secure Simple Pairing
[ ] Bluetooth Low Energy
[*] Disable BT debug logs (minimize bin size)
(4) BT/BLE MAX ACL CONNECTIONS(1~7)
[*] Enable BLE multi-connections
[ ] BT/BLE will first malloc the memory from the PSRAM
[ ] Use dynamic memory allocation in BT/BLE stack
[ ] BLE queue congestion check
(30) Timeout of BLE connection establishment
[ ] Update RPA to Controller

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(Top) → Component config → Bluetooth

Espressif IoT Development Framework Configuration

[\*] Bluetooth

Bluetooth controller(ESP32 Dual Mode Bluetooth) --->

Bluetooth Host (Bluedroid - Dual-mode) --->

Bluedroid Options --->

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(Top) → Component config → Bluetooth → Bluetooth controller(ESP32 Dual Mode Bluetooth)
Espressif IoT Development Framework Configuration
Bluetooth controller mode (BR/EDR/BLE/DUALMODE) (BR/EDR Only) --->
(2) BR/EDR ACL Max Connections
(0) BR/EDR Sync(SCO/eSCO) Max Connections
BR/EDR Sync(SCO/eSCO) default data path (PCM) --->
[*] PCM Signal Config (Role and Polar) --->
[*] Legacy Authentication Vendor Specific Event Enable
The cpu core which bluetooth controller run (Core 0 (PRO CPU)) --->
HCI mode (VHCI) --->
MODEM SLEEP Options --->
[ ] Coexistence Bluetooth Side Options ----

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(Top) → Component config → Bluetooth → Bluetooth controller(ESP32 Dual Mode Bluetooth) → Bluetooth controller mode (BR/EDR/BLE/DUALMODE)
Espressif IoT Development Framework Configuration
( ) BLE Only
(X) BR/EDR Only
( ) Bluetooth Dual Mode

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