

BW C AT * & \$ à

\$ à Ö

V4.18_P5.6.4

1. \$ à AI_ComboSDK V4.18_P2.29.2

1.\$+Ð AI_HalWifiOn() Ö

2.F2G} AI_HalWifiOn() Ö È = wifi £L > # GyF L NÈ

V4.18_P5.6.3

1.flash ^ ñ é G)5Ž ^ ¼ Ž FJ ^

V4.18_P5.6.2

1. \$ à AI_ComboSDK V4.18_P2.29.1

H F flash ^ Ø È ÿ A flash É!Q

2. = flash ^ ÖKI

V4.18_P5.6.1

i flash ^ È i j config C+X ^ é ? ÈF- } É • & Ý+e, 8\$,´ 2 h

V4.18_P5.6.0

1. \$ à AI_ComboSDK V4.18_P2.29.0

1.MQTT \$+Ð Añ- QP¼ SSL F Ö

V4.18_P5.5.1

1. = malloc aCU !«L NÈ £L ¶ malloc aCU B3-)

2. =5FB KIB

V4.18_P5.5.0

1. \$ à AI_ComboSDK

V4.18_P2.28.2

1.#, z A-

4.18_P2.28.1

1.http \$+Ð"Ñ9 Content-Length &FJE-5 • 1VT ÝB"r 5 •

V4.18_P2.28.0

\$+Ð SNTP -(£ 7

AT+SNTPTIME

AT+SNTPTIMECFG

AT+SNTPINTV

V4.18_P5.4.2

1. \$ à AI_ComboSDK

V4.18_P2.27.2

1.MQTT ö.1K- Ö i j 0 W255 ±8²

V4.18_P2.27.1

1. 6 mqtt f buf U AÔ i j 2K

V4.18_P5.4.1

1. \$ à Ì² SDK >• 1 6.2_patch_integrated_221206_bf3b2a72(94571)

V4.18_P5.4.0

1. \$ à AI_ComboSDK ` V4.18_P2.27.0

1.tcp client \$+Ð Ý4i8 ØGyF Ì 7-

V4.18_P5.3.2

1. = wifi GyF ¼; (%G)5• @Ì > wifi (æ1 n/j "Ñ99ç IP L NÈ

V4.18_P5.3.1

- 1. \$ à AI_ComboSDK ` V4.18_P2.26.1
 - 1. = UDPServer 8 Ø Õ f ž ' !«L NÈ

V4.18_P5.3.0

- 1. \$ à AI_ComboSDK ` V4.18_P2.26.0
 - 1.\$+Ð wifi £L API Õ AI_HalWifiOff()
 - 2.F2G} AI_HalWifiOff() Õ

V4.18_P5.2.1

- 1. \$ à AI_ComboSDK ` V4.18_P2.25.1
 - 1. = =F ÕAî5ž wifi 8 ØF Õ =+Ox L NÈ

V4.18_P5.2.0

- 1. \$ à AI_ComboSDK ` V4.18_P2.24.2
 - 1.\$+Ð int Ai_IOMapGetICPinByIndex(uint8_t modePin) Õ
 - 2.AT+SLEEP Î Ð"Ñ9 Mû F IOMAP,´ T Ý
 - 2.F2G}\$!-´ -P Õ

V4.18_P5.2.0

- 1. tcp keep alive ò Î)à

V4.18_P5.1.1

- 1. \$ à AI_ComboSDK ` V4.18_P2.24.1
 - 1. = socket ,´ accept ò KIB
 - 2. Î Ð AI_HalWifiSetMac() Õ

V4.18_P5.1.0

- 1. \$ à AI_ComboSDK ` V4.18_P2.24.0
 - 1. 0 j 8 ØGyF \$+Ð = QP¼\$ Õ ^ wifi ò ,´ F9N©

V4.18_P5.0.3

- 1. \$ à AI_ComboSDK ` V4.18_P2.23.2
 - 1. = wifi : +e8 ØF • F?P Q? aCŪ NÈ

V4.18_P5.0.2

- 1. \$ à AI_ComboSDK ` V4.18_P2.23.1
 - 1.\$+Ð AI_TakePrintLock(),AI_GivePrintLock(),AI_DataPrintNoLock() Õ
 - 2. = socket FJ & k Ø f ž & J4ï0; f i ¿L NÈ

V4.18_P5.0.1

- 1. \$ à AI_ComboSDK

V4.18_P2.23.0

- 1. • /ë AI_HalSetWifiConfigName() Õ

V4.18_P2.22.1

- 1. i wifi =0 ¼ö.1 0 W_ 1 63 ‡8²

V4.18_P2.22.0

- 1.-´ -P Q? Î ÐGj5ž TG\$À´ ò

V4.18_P2.21.0

- 1.esp BluFi ; (%G)5• Î Ð8 Ê y =0 Ĩ 7-

V4.18_P2.20.2

- 1. \$ à mqtt clinent ID/CV / ö.1 K` Öj 127

V4.18_P2.20.1

1. =; (%G)5• >"Ñ98 Ø ^ G)5• ŸL NÈ
- 2.F2G} AI_HalSetPowerMode() Õ

V4.18_P5.0.0

1. \$ à AI_ComboSDK V4.18_P2.20.0
 1. í B'B+ rssi Õ
 - 2.udp server \$+Ð F1Ï 7- È F1) B' j 1\ 0!Qf ` ž &,') B'

V4.18_P4.14.3

1. \$ à AI_ComboSDK ` V4.18_P2.19.3
 1. =; (%F?P W. & & Ü) L NÈ
 2. = wifi › ÿ EÃ* Ÿ,' ñ éL NÈ
 3. à Î 7 AT+WRSSI 9ç F Õ>,' ' j Ö.
 - 4.AT+WSCAN ò 1 EÃ• i j ~ ‡ i G}

V4.18_P4.14.2

1. \$ à AI_ComboSDK ` V4.18_P2.19.2
 1. è ¹ & & ÿ ? socket 2 h & # Ý 0,' õ à

i ; (%U AÕUID

V4.18_P4.14.1

1. \$ à AI_ComboSDK ` V4.18_P2.19.1
 - 1.socket \$+Ð8 Ø PL" Ï 7-

V4.18_P4.14.0

1. \$ à AI_ComboSDK ` V4.18_P2.19.0
 - 1.\$+Ð; (%G)5•
 2. = ping ' !«
 3. à Î 7 AT+WSCANOPT,+X³⁄F9 AT+WSCAN , ' EÃ* Ÿ
- 2.F2G} AI_HalSystemIsrunning -

V4.18_P4.13.2

1. \$ à AI_ComboSDK ` V4.18_P2.15.2
 - 1.Aî5žU AÕOMap é Gyj 48 Z
 2. = ble þ j notify , 8\$Gý_L NÈ

V4.18_P4.13.1

1. \$ à AI_ComboSDK ` V4.18_P2.15.1
 1. = AI_ParseParam 7 1\ 0 Z ò j 0ª _"Ñ9@ À ` , ' L NÈ

V4.18_P4.13.0

1. \$ à AI_ComboSDK ` V4.18_P2.15.0
 - 1.AT+MQTT \$+ÐGyF Ï 7-
 - 2.\$+Ð #, AÕ57 AT+MQTTUNSUB
 - 3.\$+Ð STA MAC B 7 AT+CIPSTAMAC_DEF

V4.18_P4.12.0

- 1.AI_ComboSDK \$ à ` V4.18_P2.14.0
 1. i socket ¼; (%F?P 6 5 FKEÁ 6 5 \$ ¼ª
 2. i F?P Q ? F0* FKEÁË ÿ AB F0*
- 2.; (%o F1F2G)K ž F1

V4.18_P4.11.3

1. \$ à AI_ComboSDK ` V4.18_P2.13.6

1. \$+D à 7 AT+HTTPCLIENTLINE Ä Ï 7 AT+HTTTPCLIENTLINE j ¶ ñ é W
.1 ^ È v _ { ¼ = ½ f) à Å
2. H F; (%oMAC 9ç È H x p flash ÐE- È p hal ÐE- a CUI f 0; (%Gyà 9ç
0!Q
3. #, 0 _; (%o} Aî5ž MAC(J , 8\$iphone # › ÿ ` BW16)
4. = socket B+ W ž & Ü) L NÈ

v4.11.2

1. \$ à AI_ComboSDK `]v2.13.2
 1. = HTTP B"r V ò & ž F1K` ÖKIB L NÈ
 2. = + Ñ K * 6 8\$! ÖAî5žKIB L NÈ

v4.11.1

1. \$ à AI_ComboSDK ` v2.13.1
 1. \$+D { j G}5• ¼ @> ^ G}5• Ÿ,´ B3- ai_callbacks.wifiCfgCallback()
 2. 6 socket U AÖ6 5 W? i j 1024byte
2. F2G} ai_callbacks.wifiCfgCallback()

v4.11.0

1. AI_ComboSDK \$ à ` v2.13.0
 1. i AI_HalGetApClientList() API Ö
 2. =9ç AP Ò g1 G>~0ªL\$Ç±X KIB L NÈ
 3. = MQTT AÖ5Cµ&Ct\$ÀGún KIB
 4. AI_DataPrint f - \$+D ' GyÄ Ö ÈF` } f i ÷
 5. AT+SOCKET \$+D 7 Ê conid F9N©
2. = AI_HalxTaskCreate 9ç ô KIB L NÈ, 8\$,´ µ ^ "ô Mb

v4.10.1

1. AI_ComboSDK ` v2.12.2
 1. =; (%8 ØF • F?PKIB

v4.10.0

1. 0 _; (%G}5• 7
2. \$ à submodule/RealtekAmebadSDK 8 • >• 1
 - 6.2_patch_integrated_220507_7a3045e0(72412)
 - 6.2_patch_integrated_220728_48de91fa(81022)
3. 8 • patch/fix-OTA-power.patch >• 1, = * ² * & OTA#{B Ï). = Cäl NÈ
4. \$ à AI_ComboSDK ` v2.12.0
 1. = GPIO B+ &MÖ±f KIB (3+5 µG E7Jp 0 0 û ÈAT 7 ,´ ÷ ' p 1
0 û)
 2. Gy- =8 ! E •,´ µ hK.>~ È - ¼ ÷ È y \$+D AI d ÈF` } ¼ SDK â 0±
 3. 5FB #, z A-
 4. \$+D AI_CONFIG_HAVE_OTA ÷ È y
 5. = { } G 6 - ÉKIB
 6. MQTT \$+D AI_MQTT_RETURN_SUCCESS È n
 7. i + Ñ K * ¼ PL" + Ñ API ò
 8. = a È y AI_HalxSemaphoreTakeAuto] B3+X¼F I KIB
 9. \$+D API Ö F I ÿF

