Based on the Host platform board design, board\_conf can be used to update platform configurations.

For example: If the Host platform development board uses PIN 14 for interrupt, and the developer designs the board to use PIN 15 for the same, board\_conf file can be used to make this update.

Following are the list of parameters which can be updated using the board\_conf file:

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Parameter** | **Description** | **Type** | **Default Value** | **Range** |
| PLATFORM | Updates name of board/platform | String | Based on platform | 30 byte char |
| HOST\_IRQ\_NUM | Updates GPIO number used as IRQ | Integer | Based on platform | NA |
| HOST\_IRQ\_DEV | Updates GPIO device in which HOST\_IRQ\_NUM exists | String | Based on platform | NA |
| T2\_IRQ\_PIN | Updates Talaria TWO IRQ PIN | Integer | Based on platform | NA |
| T2\_IRQ\_MODE | Updates Talaria TWO IRQ mode. This is used when Talaria TWO wants to send a packet to Host. Modes can be HIGH, LOW, TOGGLE | String | Based on platform | “HIGH”, “LOW”, “TOGGLE” |
| SHUTDOWN\_GPIO\_STATES | When Host powers off, these states are applied on Talaria TWO GPIO PINs | String | Based on platform | NA  Refer the following bootarg: krn.gpio=<> |
| POWERSAVE\_SUPPORT | Used to update if the system uses powersave or not | String | Based on platform | “YES”, “NO” |
| WLANIF\_WAIT\_TIMEOUT\_MS | Configurable wait time taken from board\_conf file and used in tunadapter for accessing the WLAN SDIO device file | Integer | Based on platform | 0 to few seconds |
| WAKEUP\_PIN | Updates the wakeup PIN at Host. | Integer | Based on platform | NA |
| T2\_WAKEUP\_PIN | Updates GPIO to which the WAKEUP\_PIN is connected | Integer | Based on platform | Available GPIOs at Talaria TWO |
| WAKEUP\_LEVEL\_AT\_T2 | Updates wakeup level at Talaria TWO | Integer | Based on platform | 1,0 |
| TUNIF\_READY\_WAIT | Status check for tunadapter to identify if it is ready | Integer | Based on platform | 0,1 |

Table 7: List of parameters - board\_conf file

**Note**: To disable the wake-up PIN at Host and Talaria TWO, set WAKEUP\_PIN and T2\_WAKEUP\_PIN to 0.