## Programming T31ZX Host

Execute the following steps to program T31ZX Host with T31ZX\_INP3021.bin (*talaria\_two\_dual\_stack\_vx.y\host\INP3201\t31zx\_kernel*):

1. T31ZX\_INP3201.bin contains the bootloader, Linux kernel and root filesystem for T31ZX
2. Copy T31ZX\_INP3201.bin to the Micro SD card and insert the Micro SD card in the SD card slot on the INP3201.
3. Power on the INP3201 board and press any key to halt at the u-boot prompt.
4. Run the following commands on the u-boot prompt to flash the SDK build image file T31ZX\_INP3201.bin to SPI flash.
5. Reboot the board to start booting Linux kernel from SPI flash.

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| //Filling the 16MB RAM with 0xff  mw.b 0x80600000 0xff 0x1000000  //Loading the image from SDCRAD to RAM  fatload mmc 0 0x80600000 T31ZX\_INP3201.bin  //initialize the SPI flash  sf probe  //Erase the 16MB flash  sf erase 0x0 0x1000000  //Write the image from RAM to SPI flash  sf write 0x80600000 0x0 0x1000000  //remove the SDCARD and Reboot the board  reset  Now the INP3201 board will boot the Linux kernel.  Zeratul login: root |