**Reference Pins(nRF52832)**

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| Pin 5(P0.03) : BAT\_SENSE |
| Pin 6(P0.04) : ATM\_EN |
| Pin 7(P0.05) : BAT\_SENSE\_EN |
| Pin 8(P0.06) : B\_CH2 |
| Pin 9(P0.07) : G\_CH2 |
| Pin 10(P0.08) : R\_CH2 |
| Pin 11(P0.09) : NFC1 |
| Pin 12(P0.10) : NFC2 |
| Pin15(P0.12) : B\_CH1 |
| Pin16(P0.13) : G\_CH1 |
| Pin17(P0.14) : R\_CH1 |
| Pin18(P0.15) : BLE\_SW (BUTTON) |
| Pin19(P0.16) : M\_CHRG |
| Pin20(P0.17) : P1\_5 |
| Pin21(P0.18) : Buzzer\_EN |
| Pin22(P0.19) : Motor\_EN |
| Pin29(P0.24) : Atom\_SW (BUTTON) |
| Pin37(P0.26) : SCL |
| Pin38(P0.27) : SDA |
| Pin42(P0.30) : Cartridge\_EN |