



low Iquiescent DC/DC converter
or LDO required;
i used TPS631000-based
converter with Iq = ~10uA

button_MENU is connected
to GPIO5 accessible
from deep sleep and
functions as power button

button_STAR is connected
to GPIO9 which is
BOOT bootstrap pin,
should be pressed on power-on,
not wakeup to enter bootloader,
although if device is functioning
properly bootloader can be
accessed from usb as usual

bat_sense is connected
to ADC1 channel 0 (GPIO0)

TITLE: Sheet_1		REV: 1.0
EasyEDA	Company: Your Company	Sheet: 1/1
	Date: 2025-03-14	Drawn By: andy_p