

Embedded Ap of the day:

①

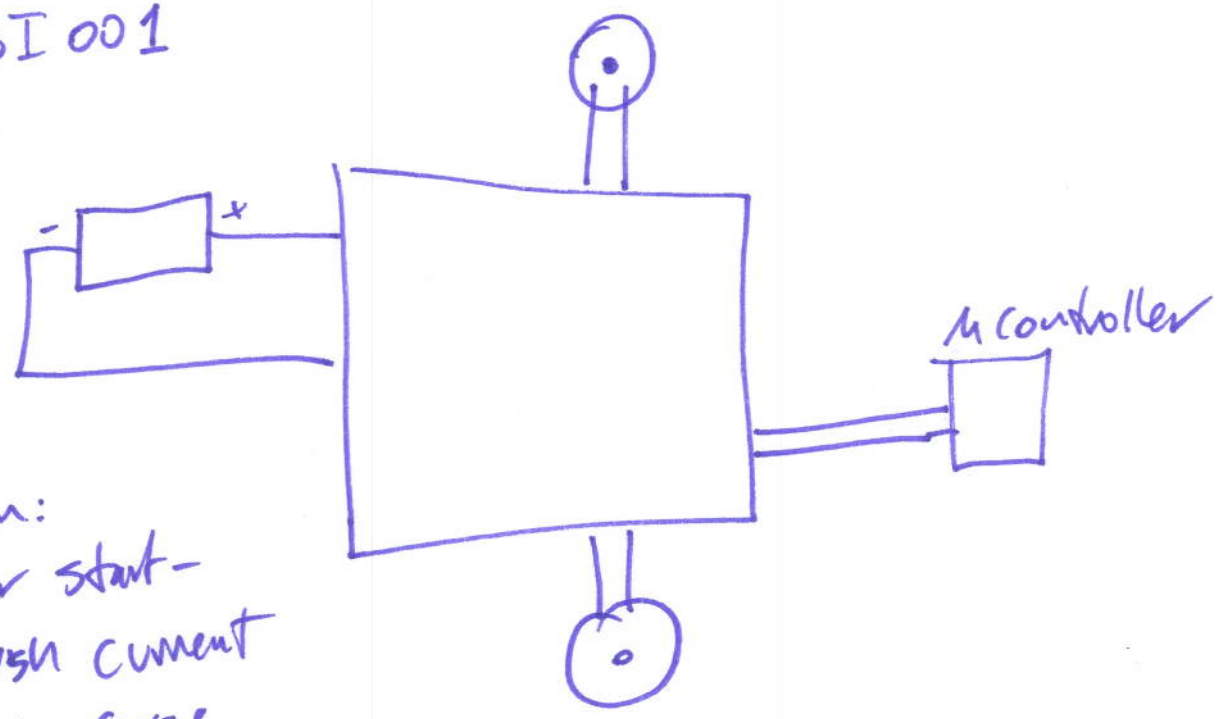
PowerBatix

MSP430 F2272

Battery Input Module

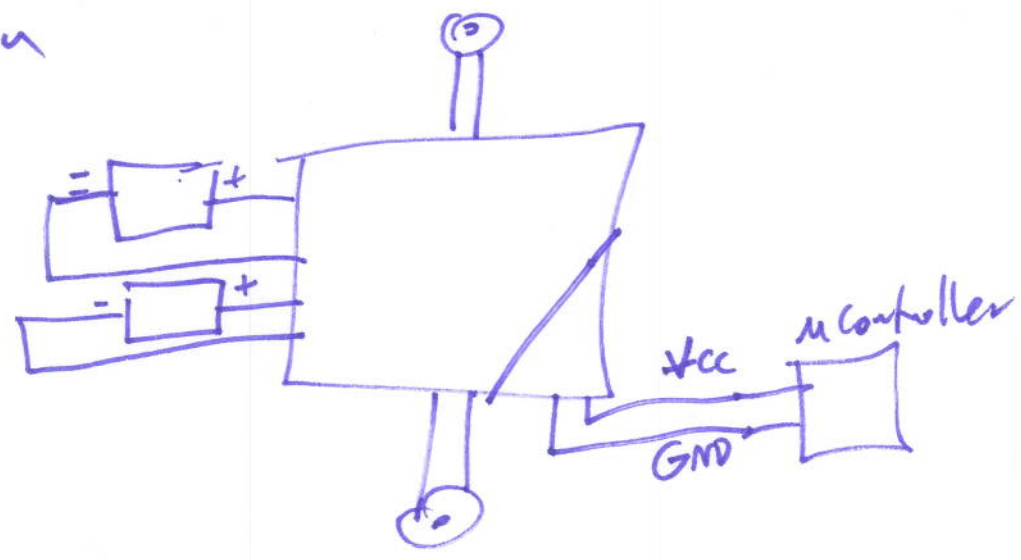
FTDI FT232RL

PBBI001



Problem:
 Motor start-
 inrush current
 may cause
 ucontroller to dip below V_{cc}

Solution



Write the `validate_money_and_item` function ②

Assumptions:

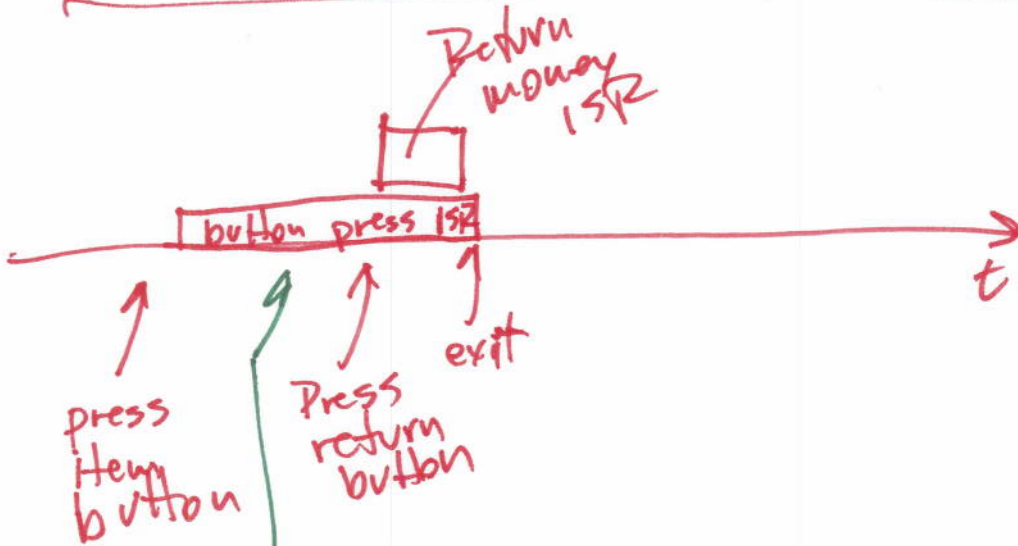
Globals: `money_count`
`button_value`
`item_cost[i]`

`validate_money_and_item (void)` {

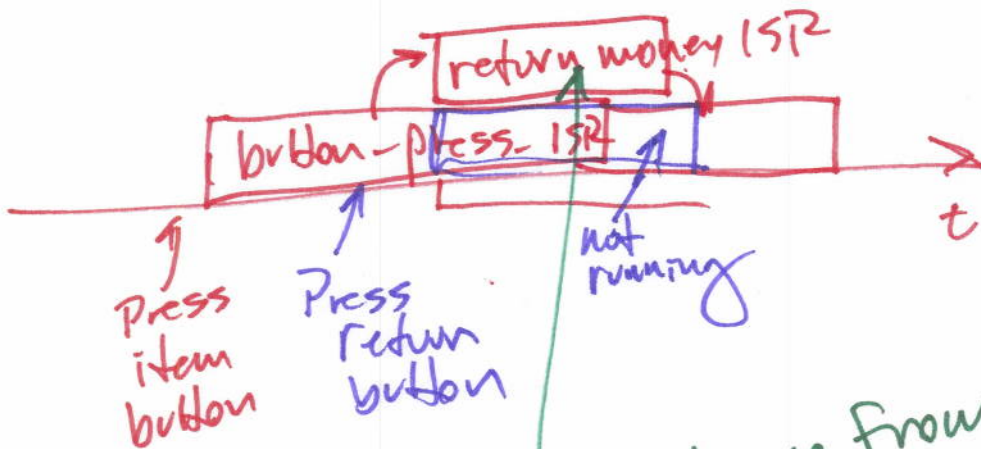
```
if money_count >= item_cost[button_value]
    state = vend_and_return
else
    state = money_state
    display price on screen
    button_value = null
}
```

	maskable?	take priority over lower
Theft	No	Yes
return	No	Yes
coin	No/Yes?	Yes
button	No	Yes
timer	No	Yes

↑
Priority



State changed from money state to validate money and item



state change from money state to return money state