

16/10/2025

IDLE

$$\frac{63(3) + 58,3(1)}{4} = 61,825 \text{ mAs} \rightarrow 3709,5 \text{ mA} \rightarrow 222570 \text{ mAh}$$

ADC NOISE REDUCTION

$$\frac{63(3) + 56,9(1)}{4} = 61,475 \text{ mAs} \rightarrow 3688,5 \text{ mA} \rightarrow 221310 \text{ mAh}$$

POWER-DOWN

$$\frac{63,2(3) + 54,9(1)}{4} = 61,125 \text{ mAs} \rightarrow 3667,5 \text{ mA} \rightarrow 220050 \text{ mAh}$$

BATERÍA IDLE (GRUPO 6)

$$E = 222570 \text{ mAh} \cdot 5V \cdot 6h = 6,6771 \text{ MJ}$$

BATERÍA ADC NOISE REDUCTION

$$E = 221310 \text{ mAh} \cdot 5V \cdot 6h = 6,6393 \text{ MJ}$$

BATERÍA POWER-DOWN

$$E = 220050 \text{ mAh} \cdot 5V \cdot 6h = 6,6015 \text{ MJ}$$