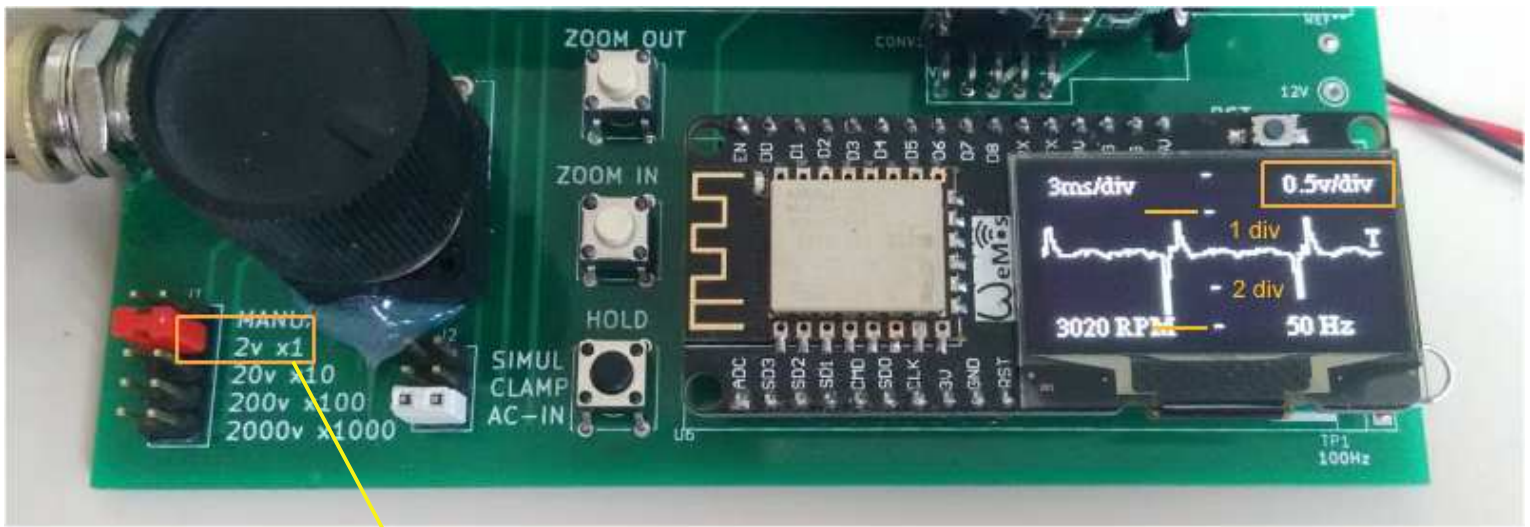


# Voltage measurement



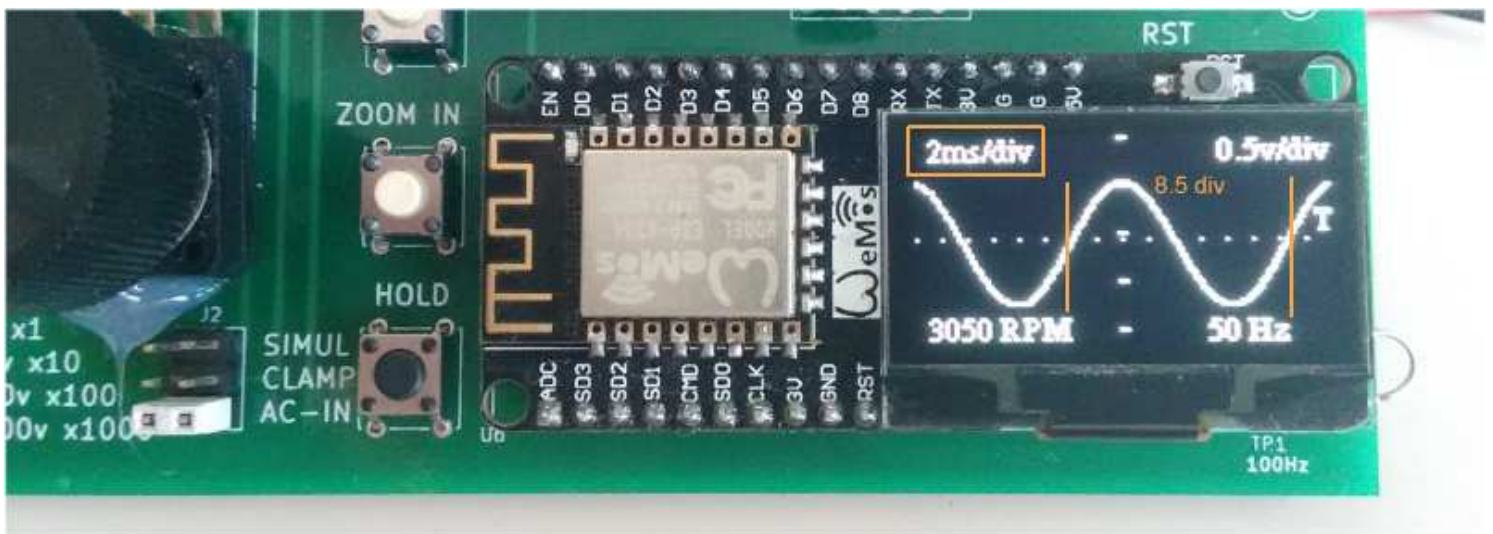
Scale:  $0.5\text{v/div} \times 1 = 0.5\text{v/div}$

positive peak =  $+0.5\text{v}$

Maximum input :  $2\text{v}$

negative peak =  $0.5\text{v} * 2 = -1\text{v}$

# Frequency measurement



One period last  $8.5\text{ div}$

$8.5\text{ div} * 2\text{ms/div} = 17\text{ms}$

$F = 1/T = 1/0.0017 = 58\text{Hz}$

$58\text{Hz} * 60 = 3529\text{RPM}$

*The difference comes from the rounding of  $2.35\text{ms/div}$  into  $2\text{ms/div}$  for short and simpler display.  $50\text{Hz}$  is the right value.*