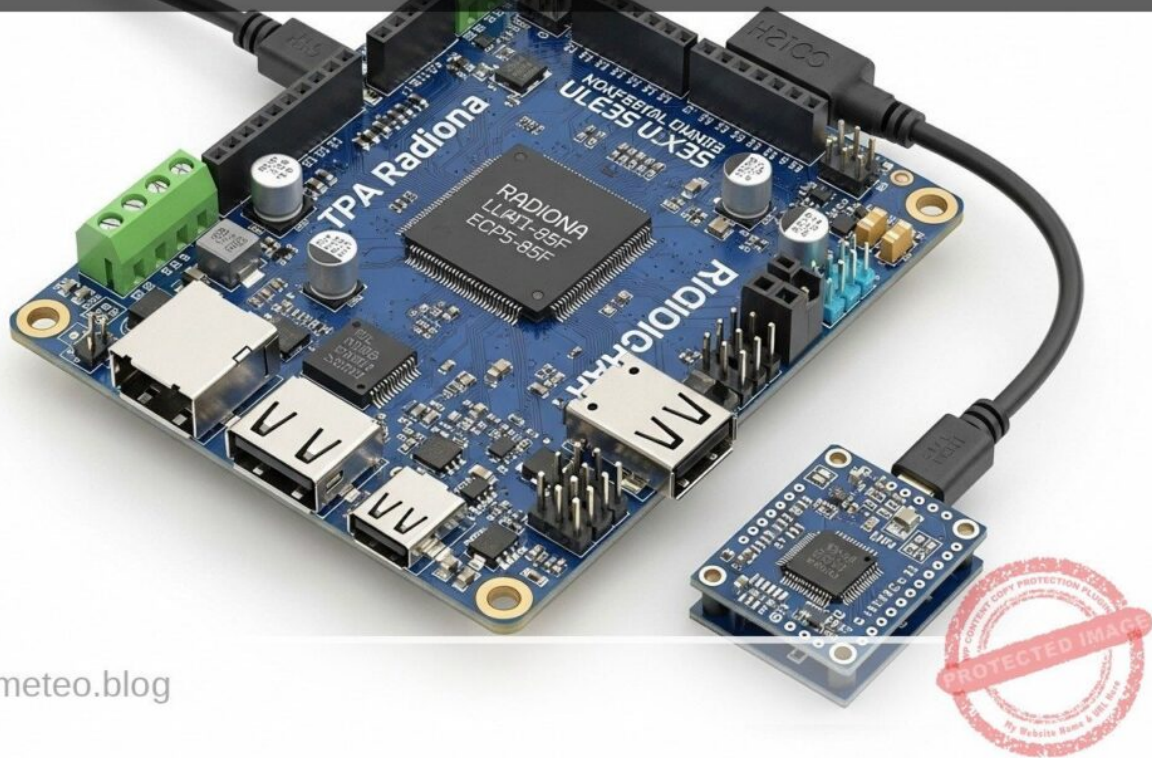


Practical case: passive UART monitor with ULX3S

passive UART monitor with ULX3S



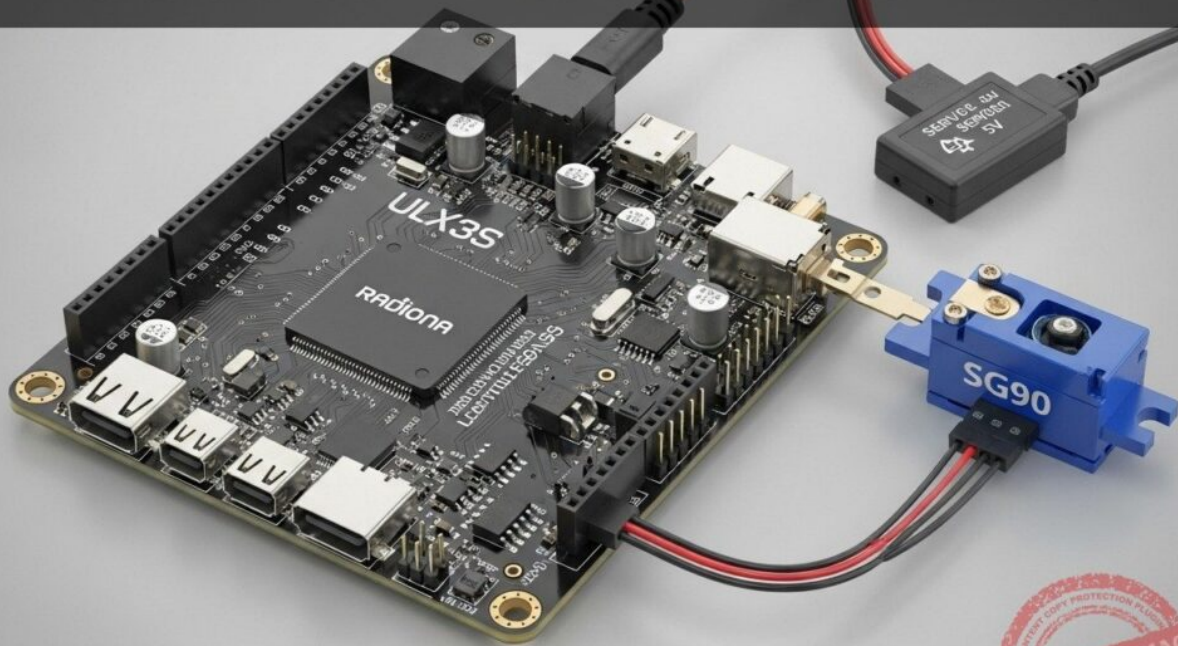
Prometeo.blog

Objective and use case

What you'll build: A practical UART monitor on the Radiona ULX3S (Lattice ECP5-85F) that passively taps a real 3.3 V, 115200 baud,...

Practical case: SG90 servo tester on ULX3S

SG90 servo tester on ULX3S



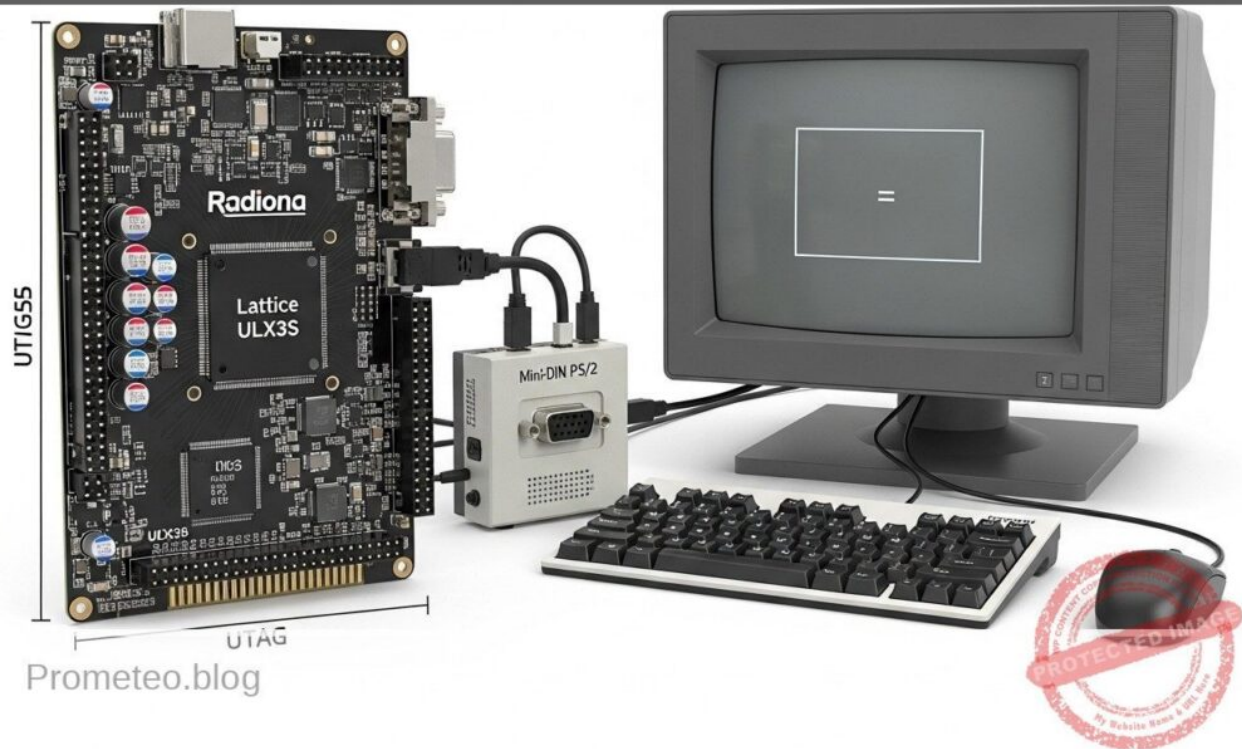
Prometeo.blog

Objective and use case

What you'll build: A bench servo tester on the Radiona ULX3S (Lattice ECP5-85F) that generates a hobby-servo PWM control signal for...

Practical case: PS/2 to VGA monitor with ULX3S

PS/2 to VGA monitor with ULX3S

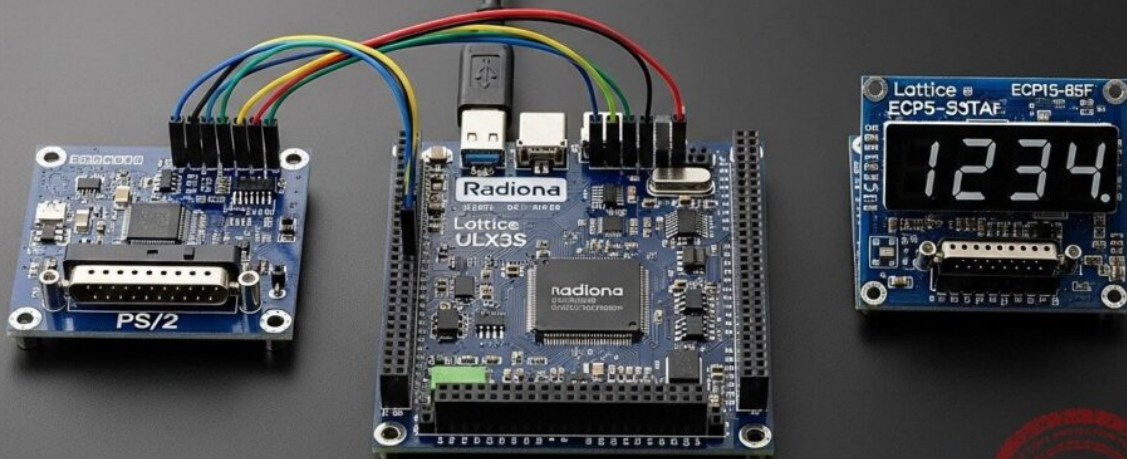


Objective and use case

What you'll build: A PS/2-to-VGA keystroke monitor on the Radiona ULX3S (Lattice ECP5-85F) that captures keyboard bytes in real time...

Practical case: FPGA PIN lock with Radiona ULX3S Lattice ECP5-85F

FPGA PIN lock with Radiona ULX3S Lattice ECP5-85F



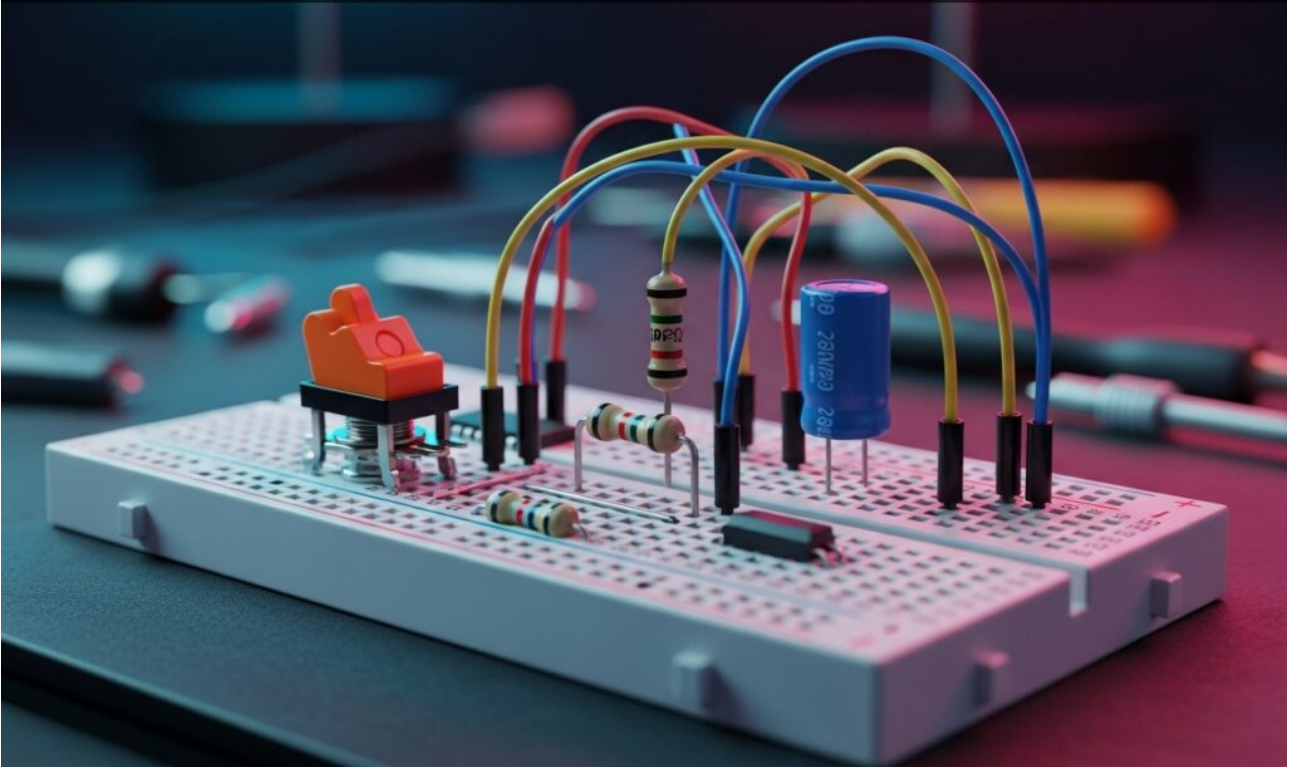
Prometeo.blog

Objective and use case

What you'll build: A compact FPGA PIN-lock prototype on the Radiona ULX3S (Lattice ECP5-85F) that reads a 4-digit code from a PS/2...

Practical case: RC pushbutton debounce

RC pushbutton debounce



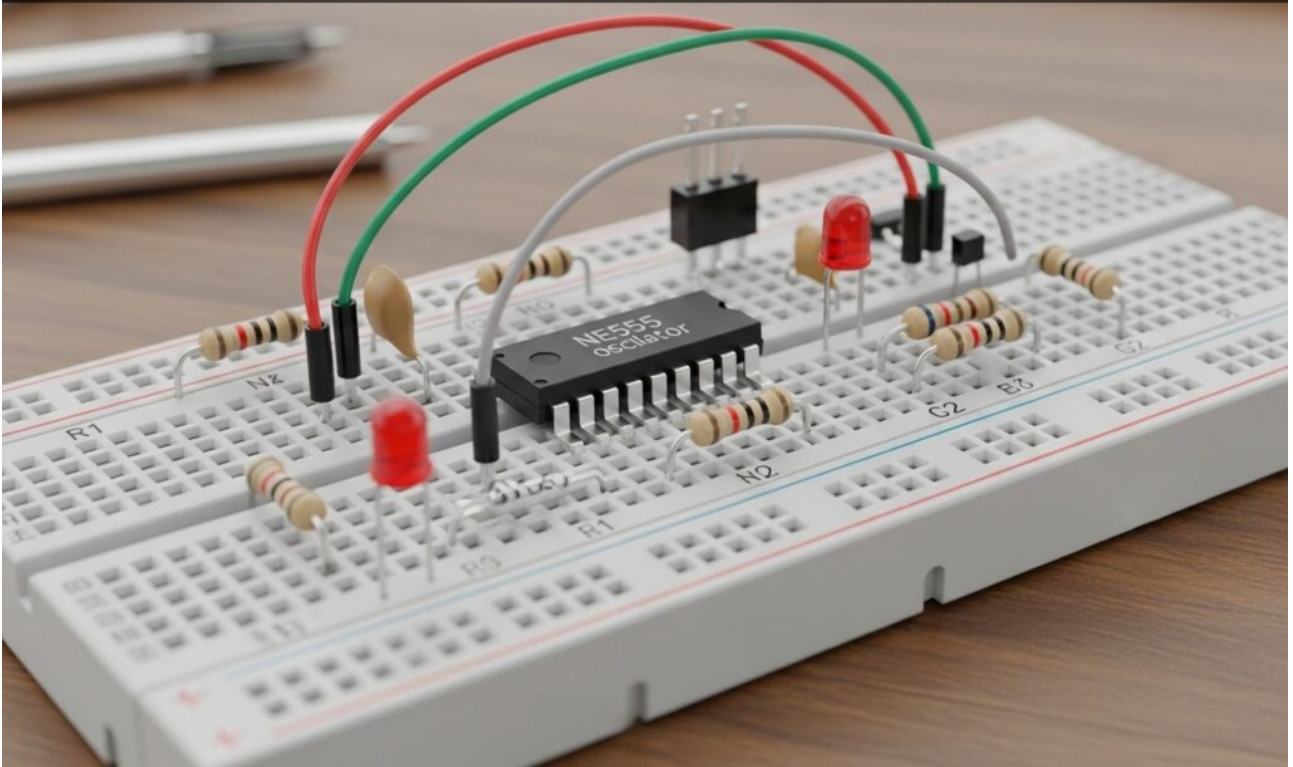
Level: Medium | Use a capacitor to mitigate mechanical noise when actuating a physical switch.

Objective and use case

In this practical case, you will...

Practical case: Astable oscillator with NE555

Astable oscillator with NE555



Level: Medium - Configure a capacitor in an NE555 circuit to control the oscillation frequency.

Objective and use case

In this practical case, you will...