

Keylock click

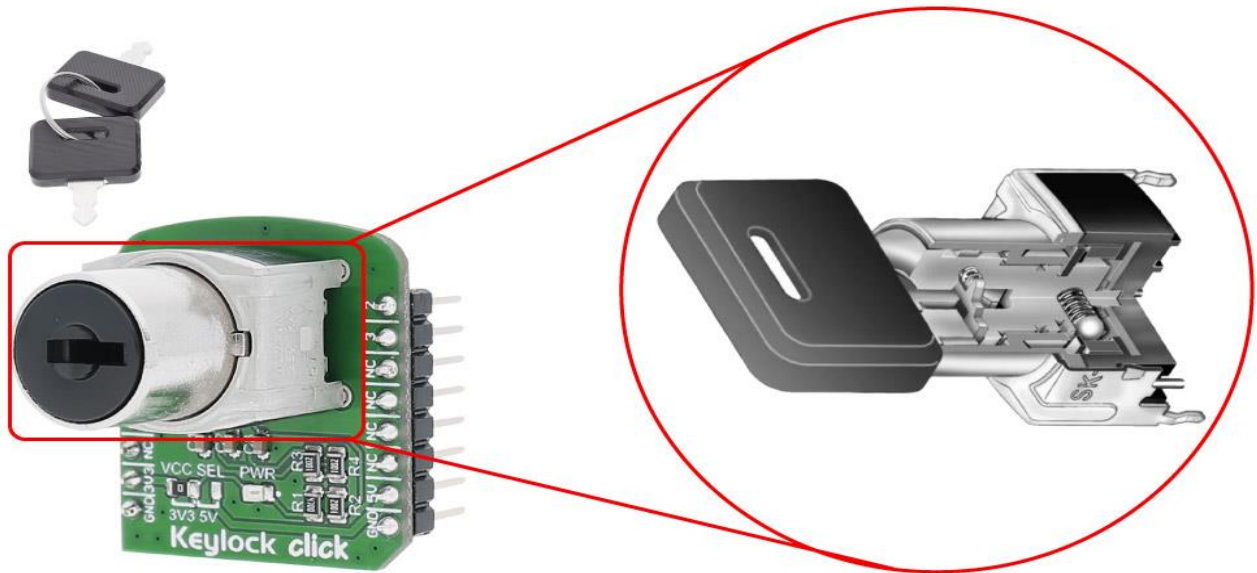
PID: MIKROE-2564

Keylock click carries a processed sealed key lock mechanism that can be set in three different positions. The click is designed to run on either 3.3V or 5V power supply. It communicates with the target microcontroller over the PWM, INT, and AN pin on the mikroBUS™ line.

The click board™ comes with two keys and a protective cap for the mechanism.



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The key can be removed from the lock in any of the three positions. The package contains two keys and one protective cap.

Keylock features

The contact mechanism provides unequaled logic-level reliability and smoother, positive detent actuation.


Detent mechanism, with its spring-operated steel ball, gives crisp, positive action for accurate switch setting.

Specifications

Type	Joystick
Applications	Use the three different positions of the mechanism to turn applications on or off, for home security applications, for industrial equipment, etc.
On-board modules	Keylock switch with 3 positions
Interface	GPIO
Input Voltage	3.3V or 5V
Click board size	S (28.6 x 25.4 mm)

Pinout diagram

This table shows how the pinout on **Keylock click** corresponds to the pinout on the mikroBUS™ socket (the latter shown in the two middle columns).

Notes	Pin					Pin	Notes
		1	2	3	4		
Output position 1	1	1	AN	PWM	16	2	Output position 2
	NC	2	RST	INT	15	3	Output position 3
	NC	3	CS	TX	14	NC	
	NC	4	SCK	RX	13	NC	
	NC	5	MISO	SCL	12	NC	
	NC	6	MOSI	SDA	11	NC	
Power supply	+3.3V	7	3.3V	5V	10	+5V	Power supply
Ground	GND	8	GND	GND	9	GND	Ground