

NJoy32™

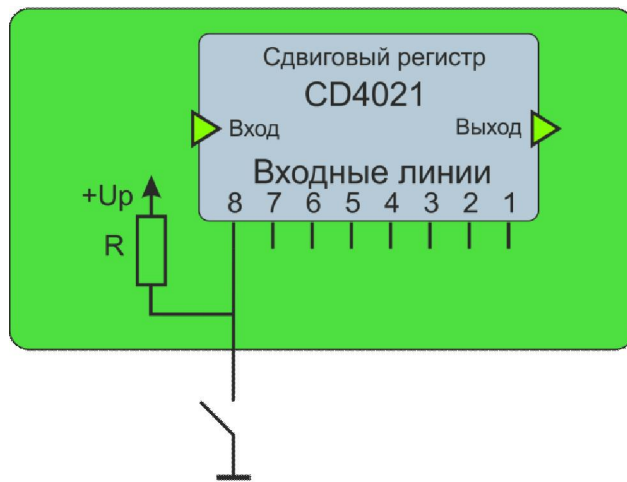
Intelligent Controllers by VKB



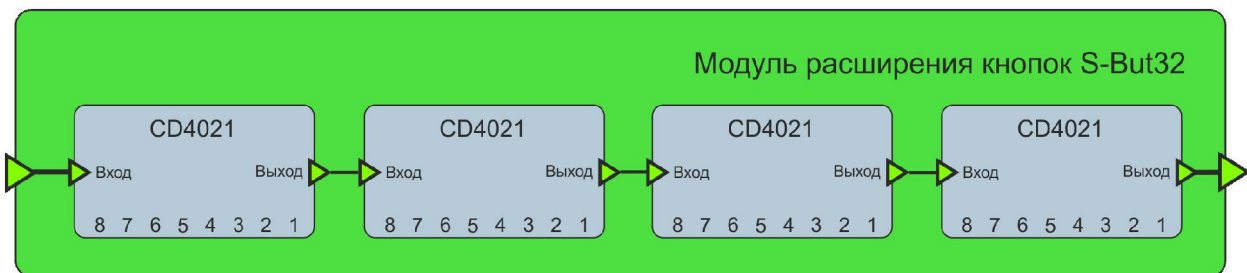
Alex Oz © 2011-2012

Ver 0.1

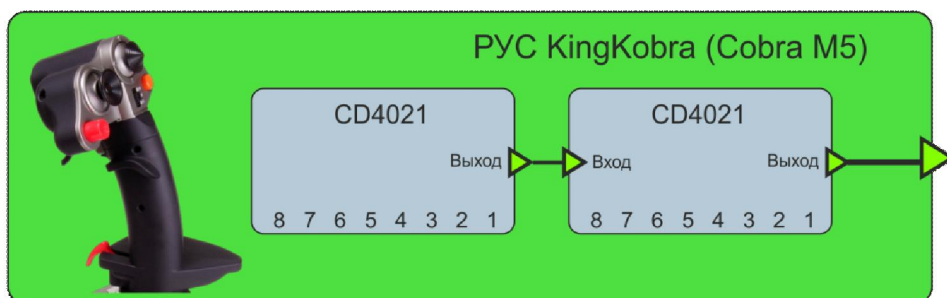
1-8, CLK, DATA. 16
KingCobra MkI (4 - 32) KingCobra MKII (2 - 16
S-But32 – 4 (32)



16 (" ")



() :



()

S-But32

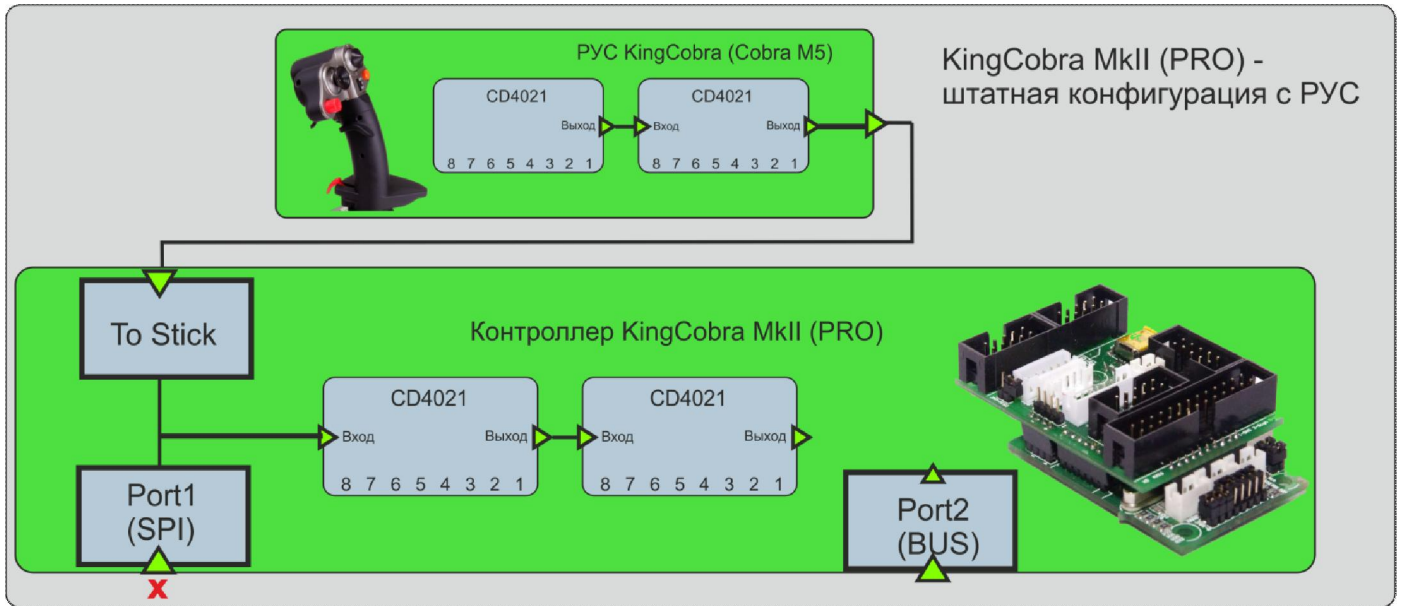
KingCobra MkII (Njoy32)

KingCobra MkII (PRO) 2 Port2(BUS). 2 – Port1(SPI)

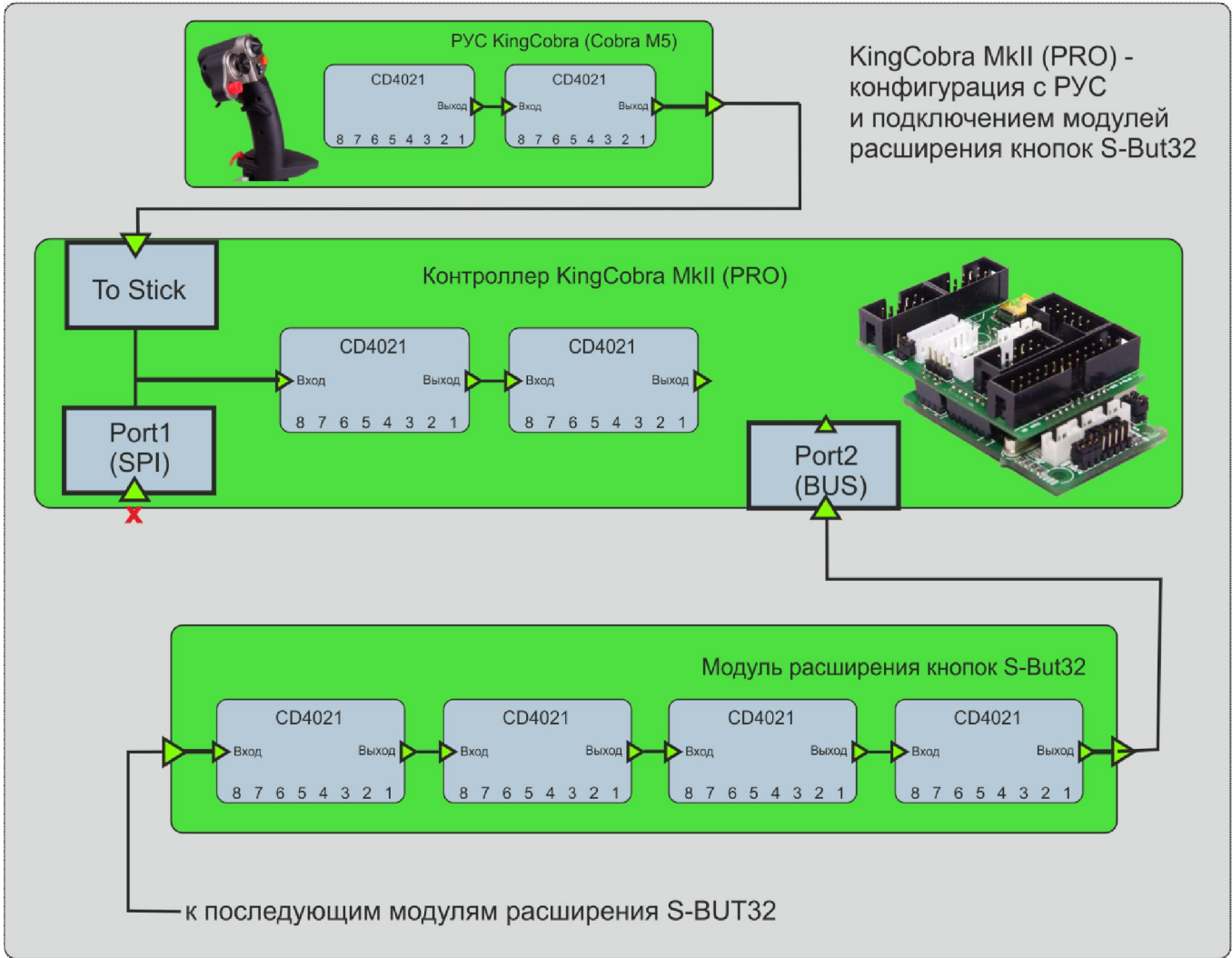
MKI,

Port1

(4):



S-But32 – 3- (96): MKI, Port2(BUS) –



KingCobra MkII (PRO) -
конфигурация с PUC
и подключением модулей
расширения кнопок S-But32

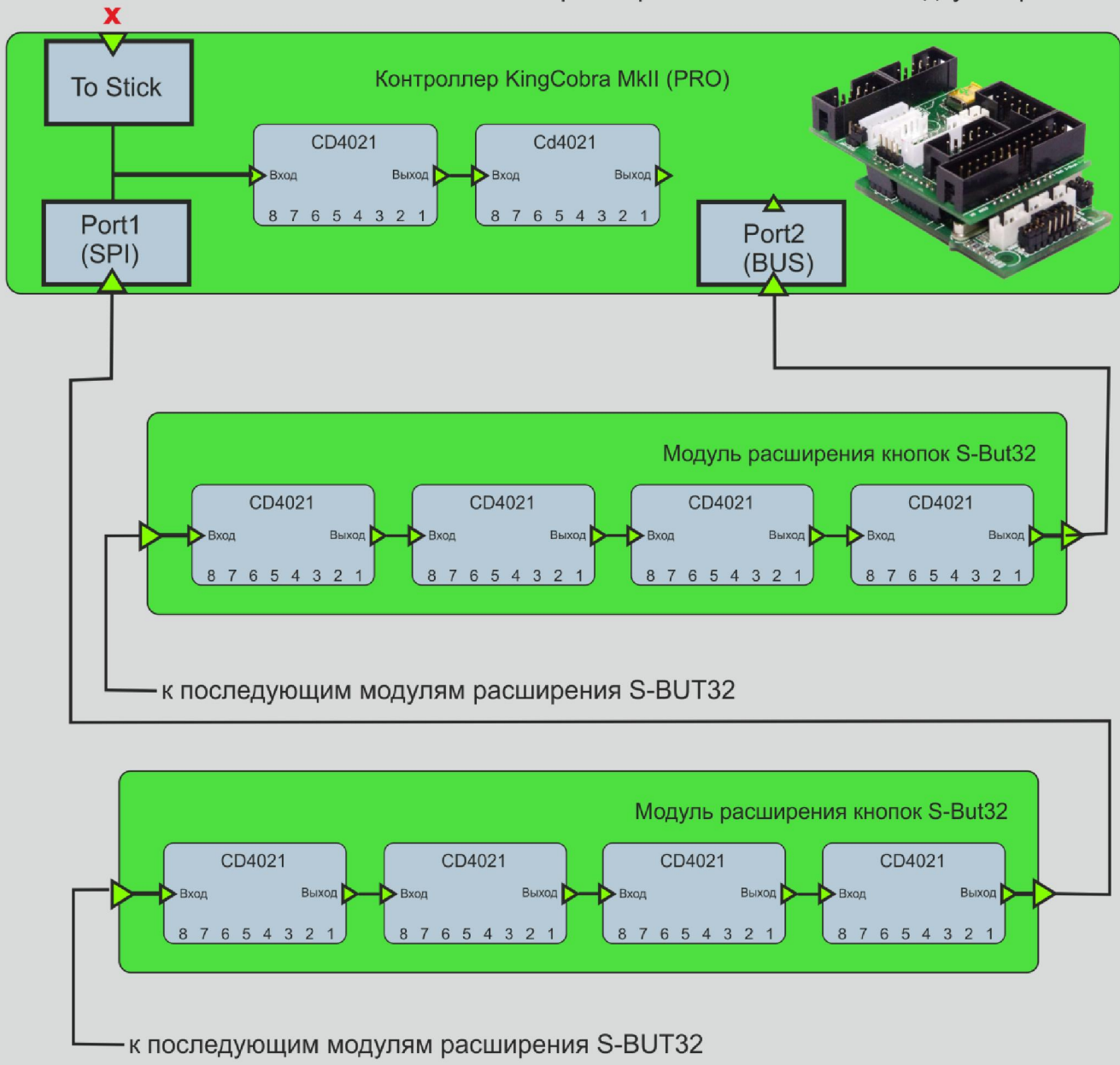
KingCobra MkII (PRO)

()-

S-But32

16:

KingCobra MkII (PRO) -подключением модулей расширения кнопок S-But32 к двум портам



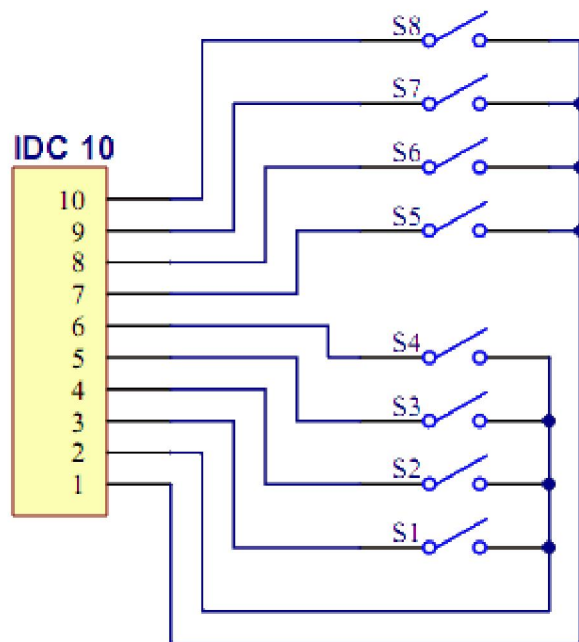
(1)

IDC-10:



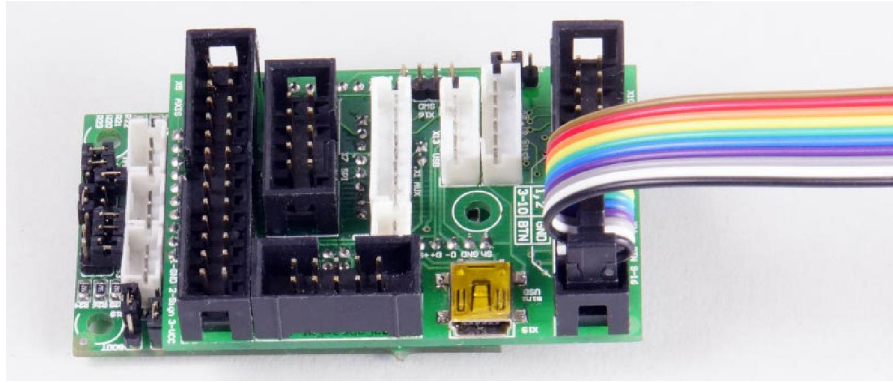
-1-2

()-



MkII (PRO) –

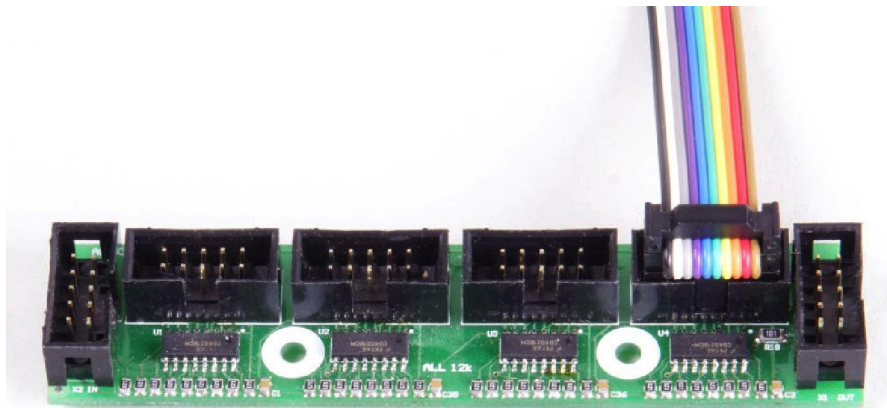
X10 BTN 1-9 X11 BTN 9-16:



()

SBut32 –

X3,X4,X5,X6 :



SBut32

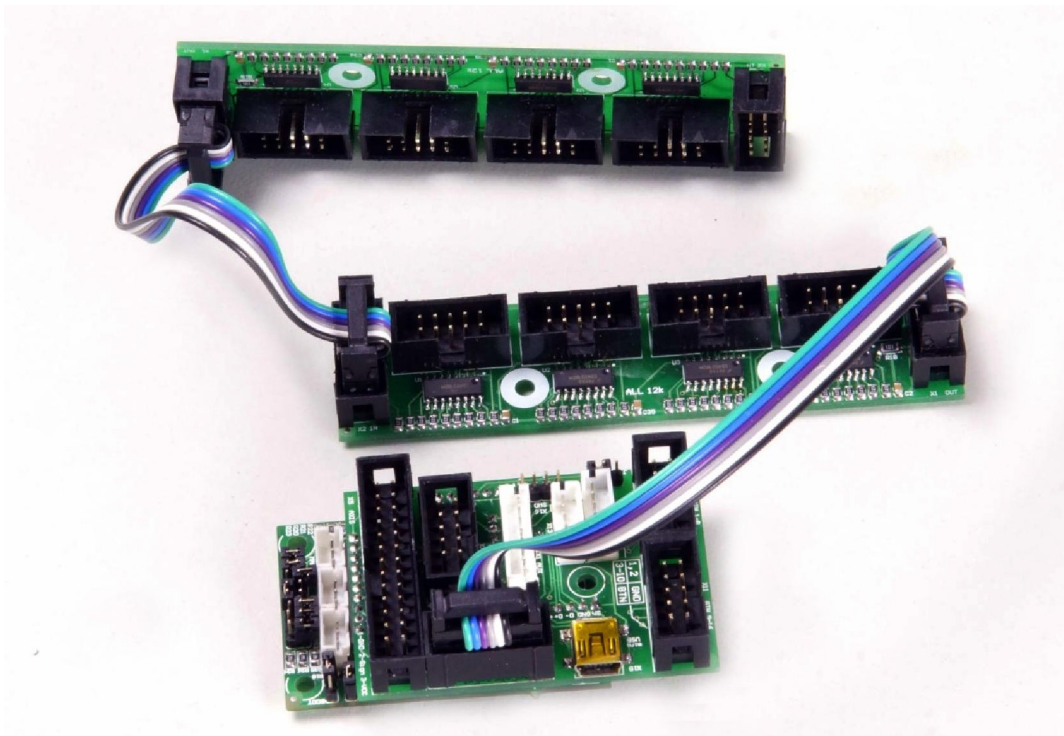
(

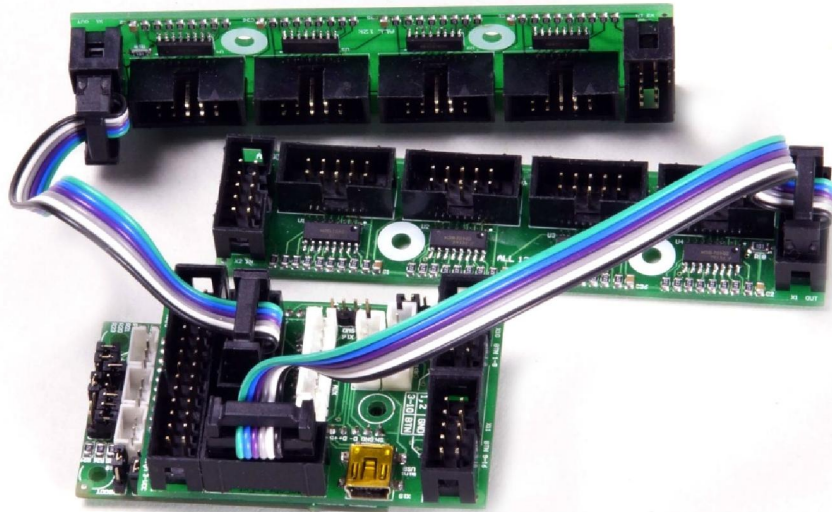
SBut32) –

X1 OUT,

- KingCobra MkII (PRO) – X7 SPI (Port1) / X18

BUS(Port2).

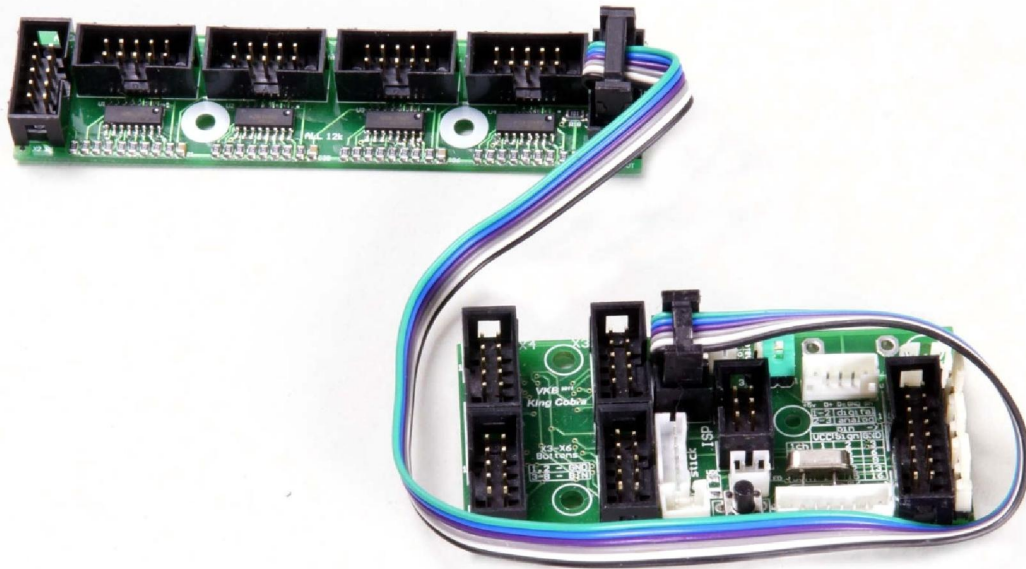


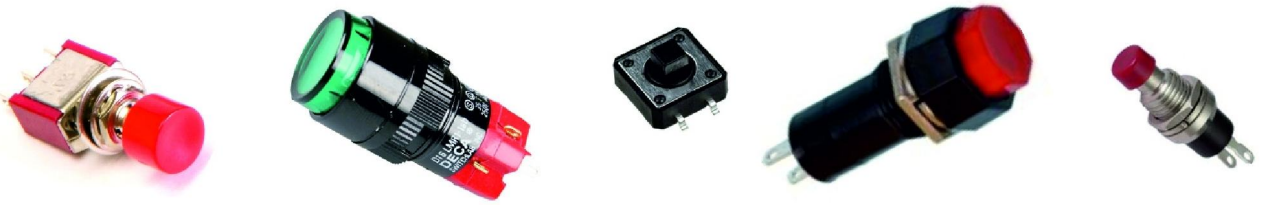


KingCobra(MkI) –

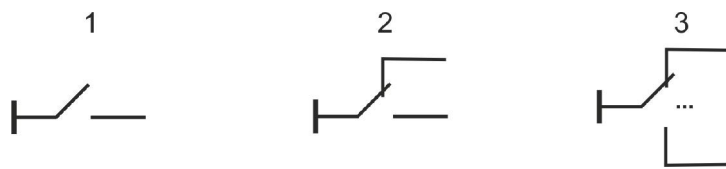
6-

External:





(1,2) (3).



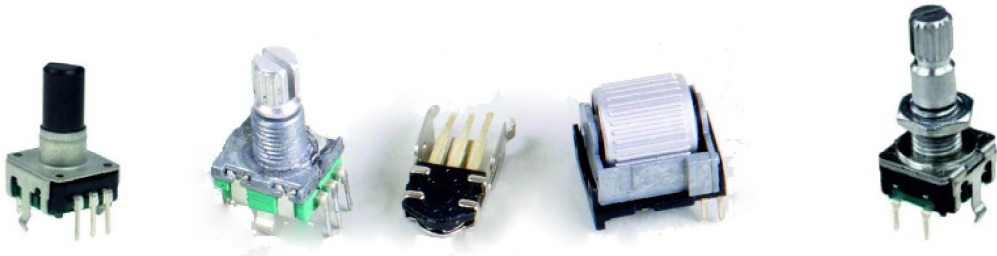
(2) -

(1)

KingCobra MKII (PRO)

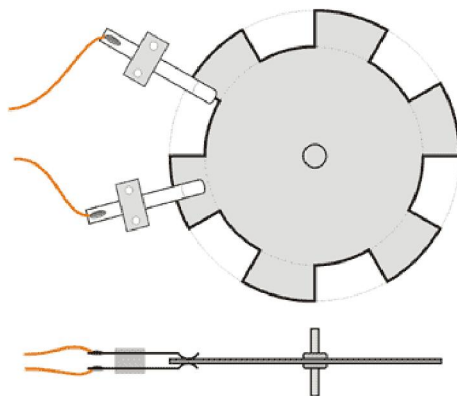
(-)

24). (, ,)— , (-
 4- (2-) - (-
).



KingCobra

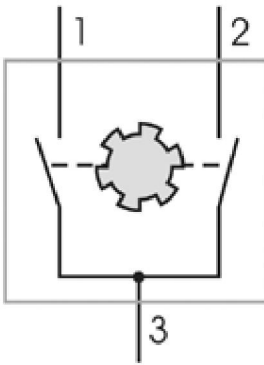
: 1-2/ 3-4/ 5-6/ 7-8.



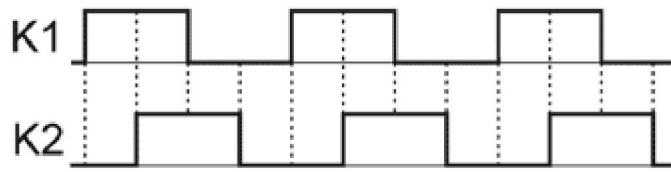
. 1.

1

- 1.
- 2.
- 3.
- 4.
- 5. 5.



.2.



.3.

2

90

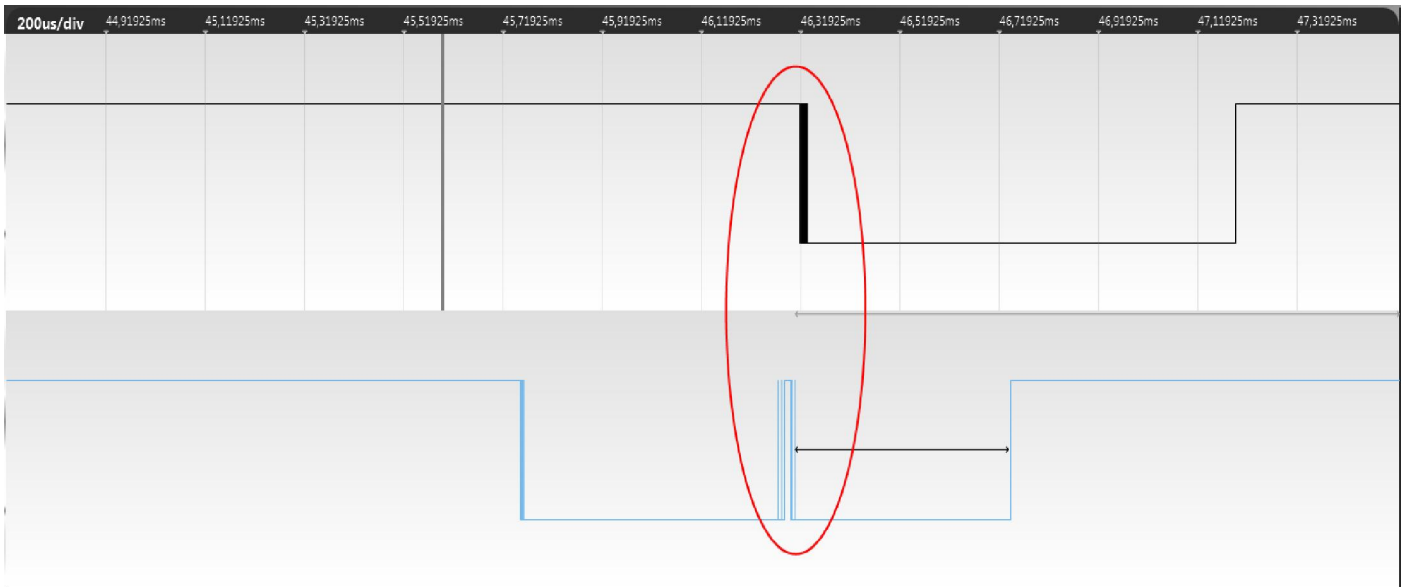
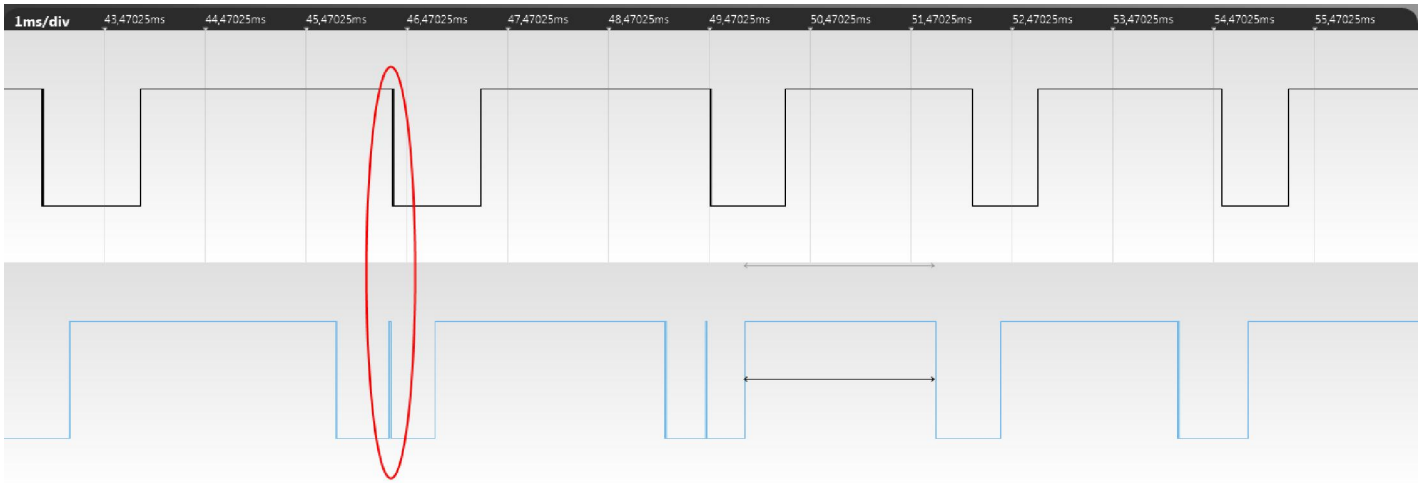
: <http://www.mirmk.net/content/view/84/29/>

() 2 / .(1 /). 24-

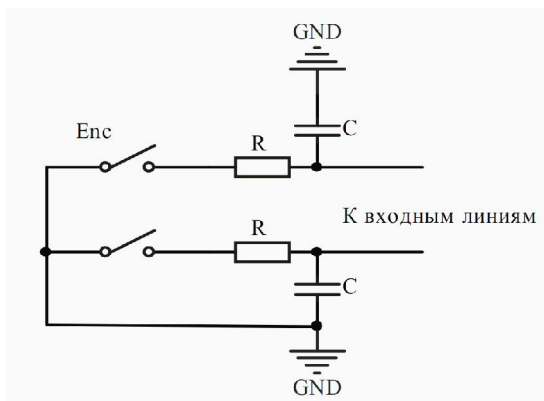
() 21

C

:



(RC-):

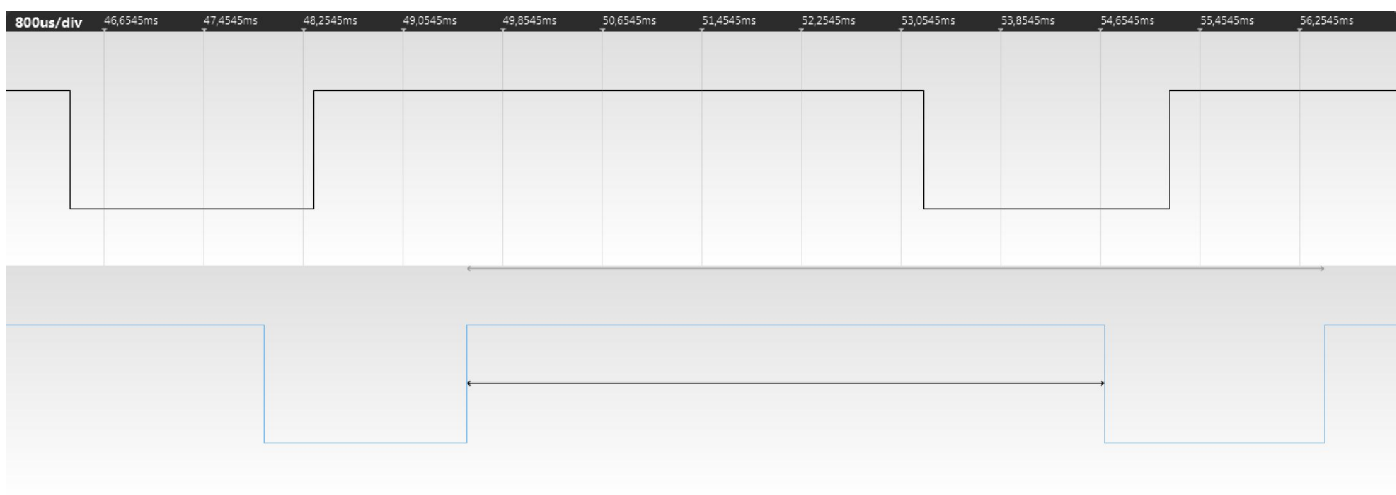
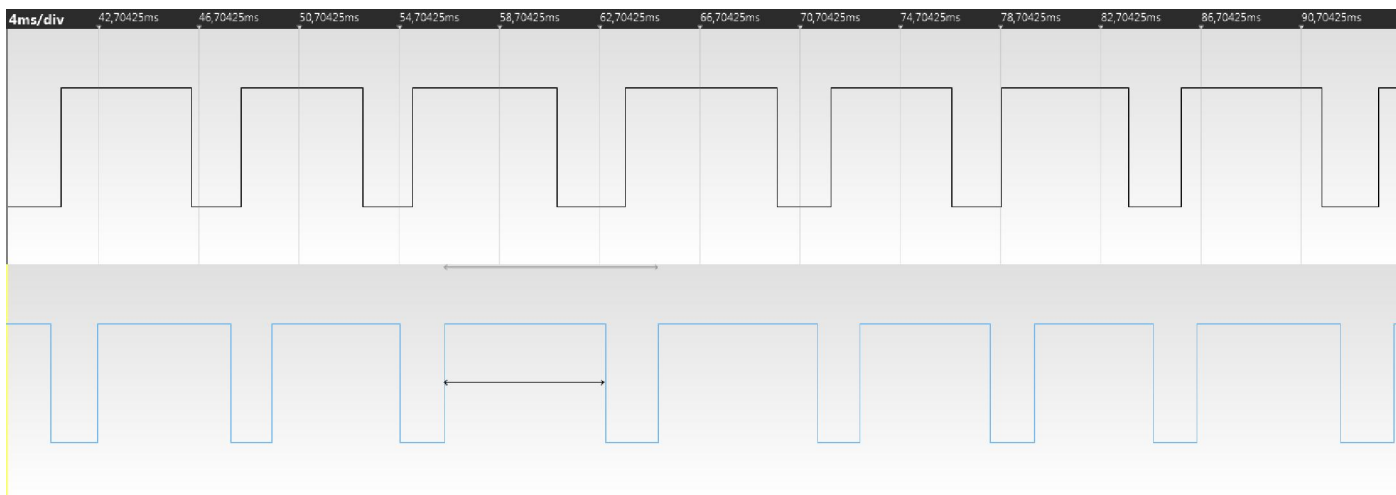


$$R = 1,5 \cdot 10^3 \text{ Ом} = 1,5 \text{ кОм}$$

$$C = 0,047 \text{ мкФ} = 47 \text{ нФ}$$

RC- :

(R=5,1 кОм, C=0,047 мкФ)



HID-

To be continued...