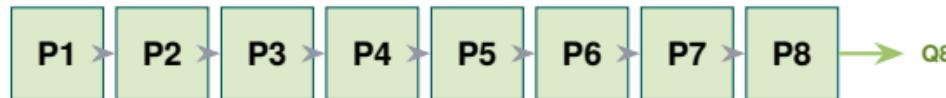


CD4021B – Taster einlesen

PISO: Parallel In, Serial Out
Schieberichtung →

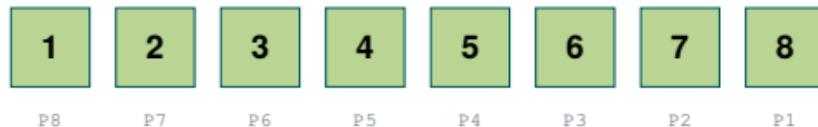


74HC595 – LEDs ansteuern

SIPO: Serial In, Parallel Out
← Schieberichtung



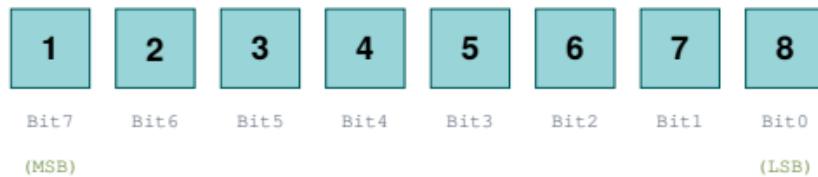
Taster



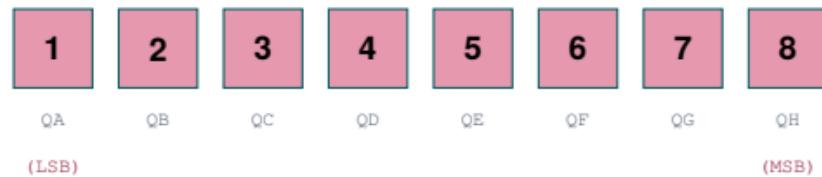
Byte 0



Byte 0



LEDs



P8 kommt zuerst raus → landet auf Bit 7

```
btnMask = 1 << (7 - ((id-1) % 8))
```

Bit 0 landet auf QA → LED1 braucht Bit 0

```
ledMask = 1 << ((id-1) % 8)
```