

[illegible]

```
in r17, PINA
cpi r17, 0b00000000
brq PRESS
```

```
rjmp RELEASE
```

```
;-----
```

```
PRESS:
```

```
    cpi r16, 1
    brq TRUE
```

```
DONE_1:
```

```
rjmp SWITCH
```

```
;-----
```

```
RELEASE:
```

```
    cpi r16, 0
    brq FALSE
```

```
DONE_2:
```

```
rjmp SWITCH
```

```
;-----
```

```
TRUE:
```

```
    ldi r16, 0
    inc r18
```

```
rjmp DONE_1
```

```
FALSE:
```

```
    ldi r16, 1
    inc r18
```

```
rjmp DONE_2
```