

```
/*  
HyM Technologies  
Contador de 4 Canales con Doble Sensor por Canal  
4CH 8S - 4 Canales 8 Sensores
```

Only RTC IO can be used as a source for external wake source. They are pins: 0,2,4,12-15,25-27,32-39.*/

```
RTC_DATA_ATTR int bootCount = 0;  
RTC_DATA_ATTR int ContCH1 = 995;
```

```
void setup(){
```

```
    delay(20); //Take some time to open up the Serial Monitor
```

```
    pinMode(2,INPUT);  
    pinMode(4,INPUT);  
    //pinMode(22, OUTPUT);
```

```
}
```

```
void loop(){  
    //CH1-A:
```

```
    esp_sleep_enable_ext0_wakeup(GPIO_NUM_2,0); //1 = High, 0 = Low
```

```
    int estP2 = digitalRead(2);  
    if (estP2==1)  
    {  
        ContCH1++;  
        Serial.begin(115200);  
        Serial.print("HIGH");  
        Serial.println(ContCH1);  
        delay(20);  
    }
```

```
    else  
    {  
        esp_sleep_enable_ext0_wakeup(GPIO_NUM_2,1);
```

```
        Serial.begin(115200);  
        Serial.println("LOW");  
        delay(20);
```

```
    }
```

```
esp_deep_sleep_start();  
  //This is not going to be called  
}
```