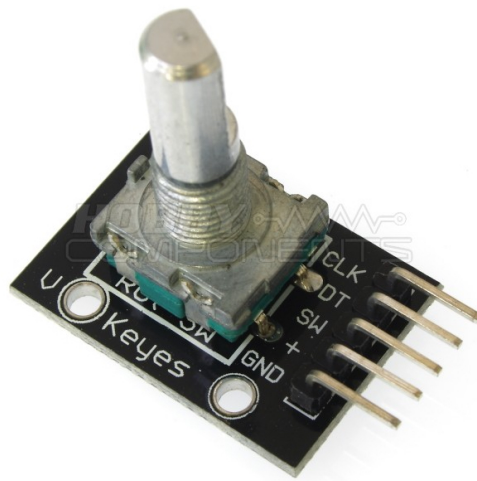


## Rotary Encoder

The rotary encoder I have is the KY-040 from HobbyComponents



### Code

Uses the `Rotary.h` library

Encoder connections

- \* CLK to D3
- \* DT to D2
- \* + to +5V
- \* GND to GND

```
#include "Rotary.h"
```

```
#define DT 2
```

```
#define CLK 3
```

```
Rotary rot = Rotary(DT, CLK);
```

```
void setup()
```

```
{  
  pinMode(DT, INPUT_PULLUP);  
  pinMode(CLK, INPUT_PULLUP);  
}
```

```
void loop()
```

```
{  
  unsigned char dir; // tuning direction CW/CCW  
  
  dir = rot.process(); // read encoder
```

```
if(dir != DIR_NONE) // turned?
{
    if(dir == DIR_CW) ...do this...; // do something for either direction
    if(dir == DIR_CCW) ...do this...;
}
}
```