
Adolygu

Mewnbyn yn erbyn Allbwn

Bysellwrdd

Synhwyrdd
Golau

Sgrin

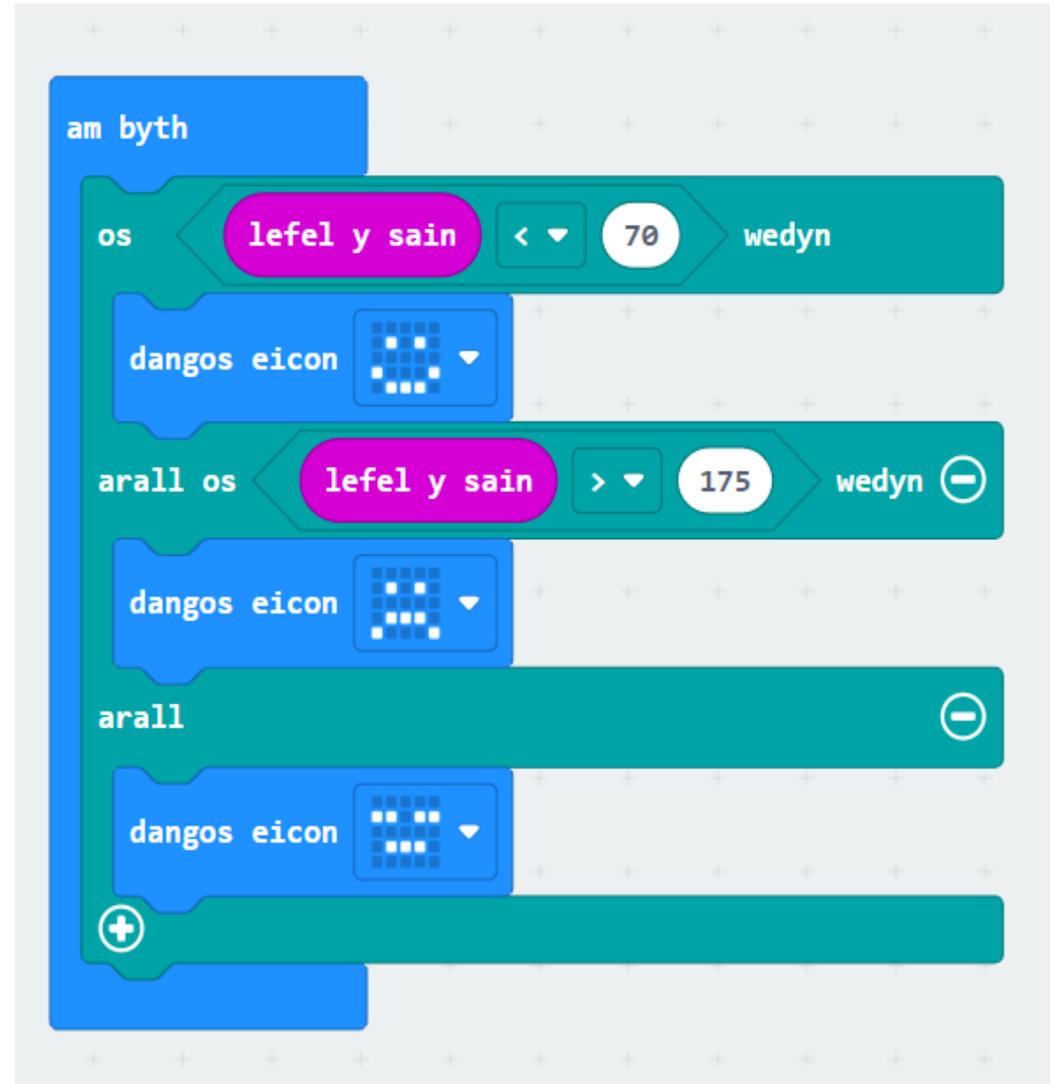
Sgrin Gyffwrdd

Botymau

Meicroffon

Llygoden

Os-Datganiadau



Digidol yn erbyn Analog

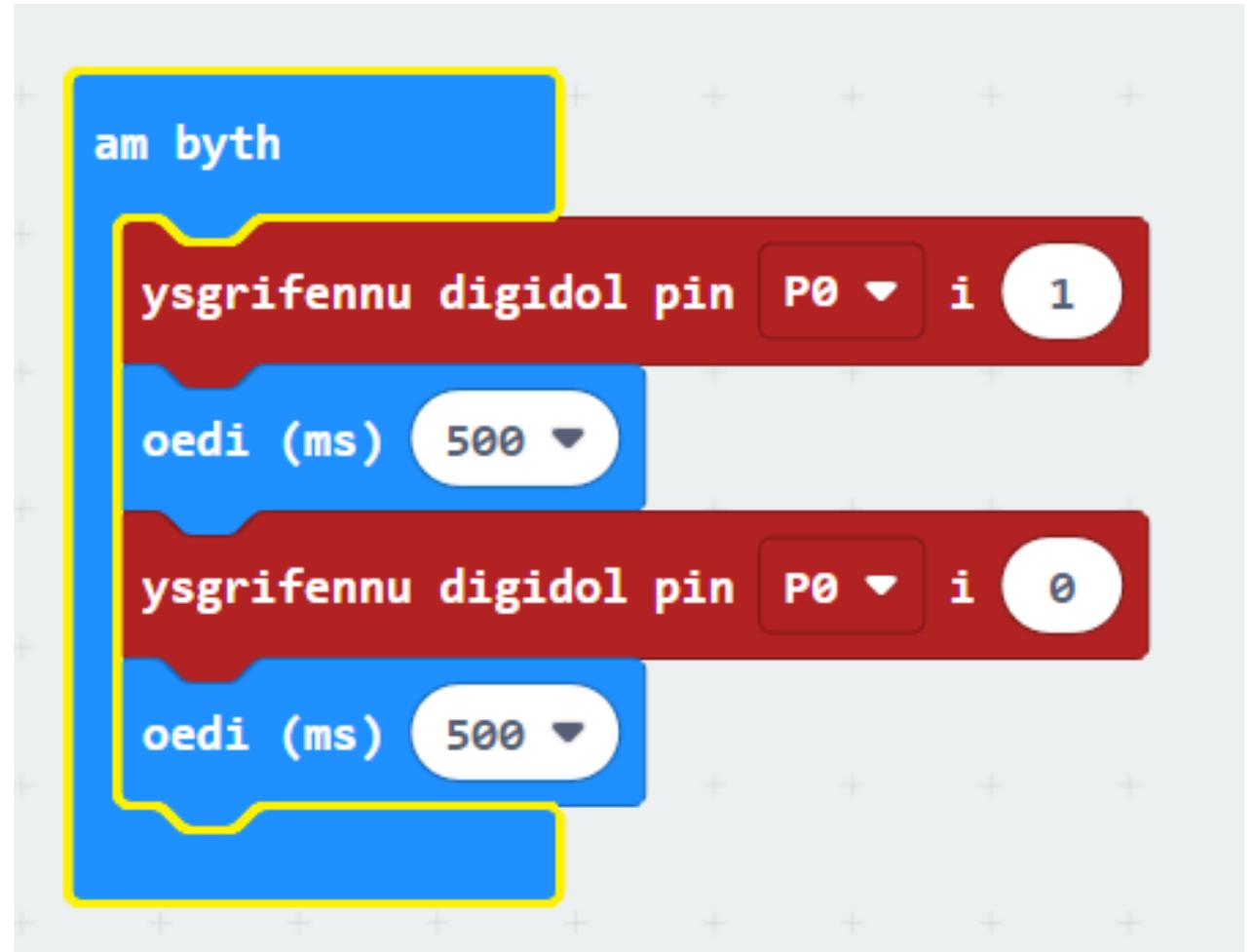
Beth yw cydran?

Cydrannau Digidol

Dau opsiwn: Troi ymlaen a Diffodd

Mewn rhaglenni rydym yn defnyddio 1 (ymlaen) a 0 (diffodd).

Allbwn Digidol



Mewnbyn Digidol

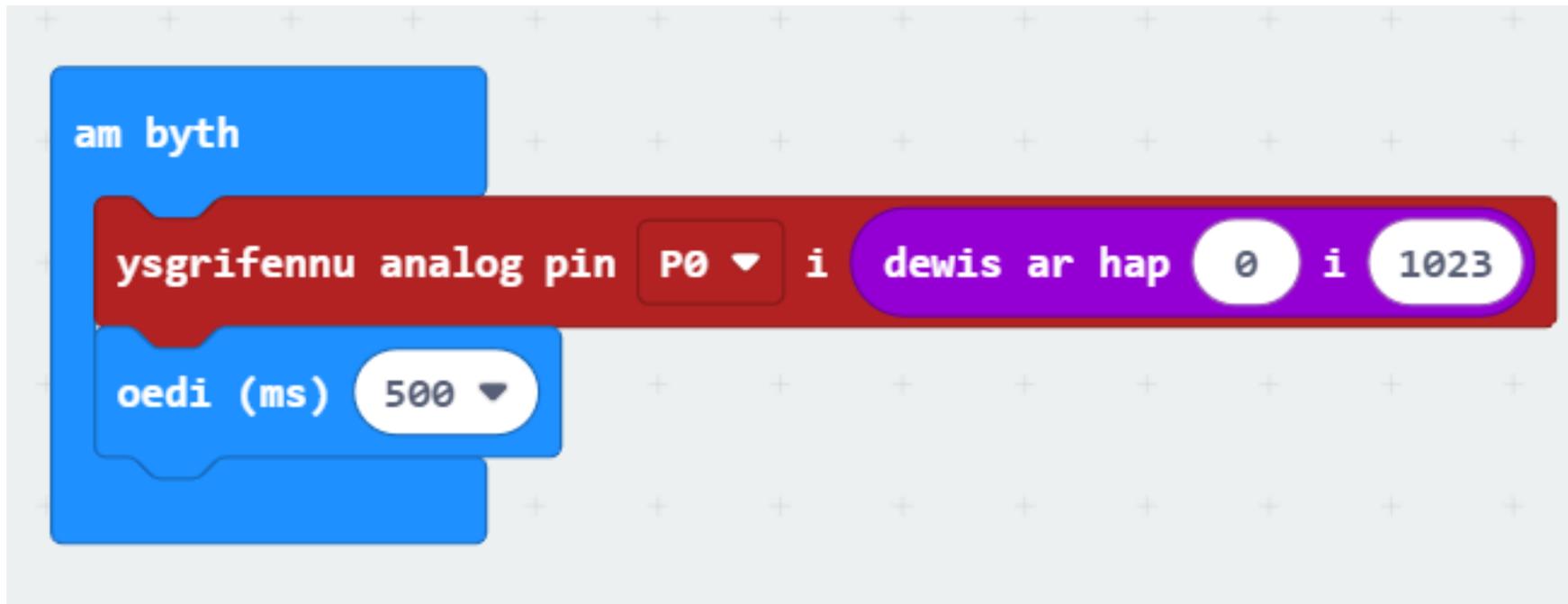


Cydrannau Analog

Amrywiaeth o opsiynau ar gael

Enghreifftiau:
mesuriadau
symudiadau

Allbwn Analog



Mewnbyn Analog

```
am byth
  gosod darllenriad i analog darllen pin P0
  cyfresol ysgrifennu gwerth "Darllenriad" = darllenriad
```

Mewnbyn Analog

The screenshot displays the Microsoft MakeCode IDE interface for a micro:bit project. The top navigation bar shows 'Microsoft | micro:bit' and 'Blocks JavaScript'. The main workspace is divided into three sections:

- Simulator:** A virtual representation of the micro:bit board with pins labeled 0, 1, 2, 3V, and GND. A red box highlights the 'Show data Device' button.
- Graph:** A real-time data visualization showing a fluctuating green waveform. The y-axis ranges from 638.00 to 679.00. A 'Reading: 657' label is visible on the graph.
- Console:** A text area displaying a list of recent readings: Reading: 667, Reading: 663, Reading: 657, Reading: 656, Reading: 656, Reading: 658, Reading: 663, Reading: 658, Reading: 657.

Defnyddio Newidynnau

Newidynnau

Gallwn greu newidynnau yn Makecode i gadw / storio gwybodaeth.

Newidynnau



Gweithgaredd Electroneg

Bwrdd Torri Allan

Mae hyn yn ein galluogi i gysylltu llawer o wahanol bethau â'r Micro:Bit

Tabl Canlyniadau

Rhif	Enw	Mewnbwn neu Allbwn?	Analog neu Ddigidol?	Beth mae'n ei wneud?
1				
2				
3				
4				
5				
6				
7				

Tabl Canlyniadau

Rhif	Enw	Mewnbwn neu Allbwn?	Analog neu Ddigidol?	Beth mae'n ei wneud?
1	Synhwyrdd Cam	M	D	Gwybod pan fyddwch yn cymryd cam
2	Seinydd	A	A	Chwarae cerddoriaeth
3				
4				
5				
6				
7				

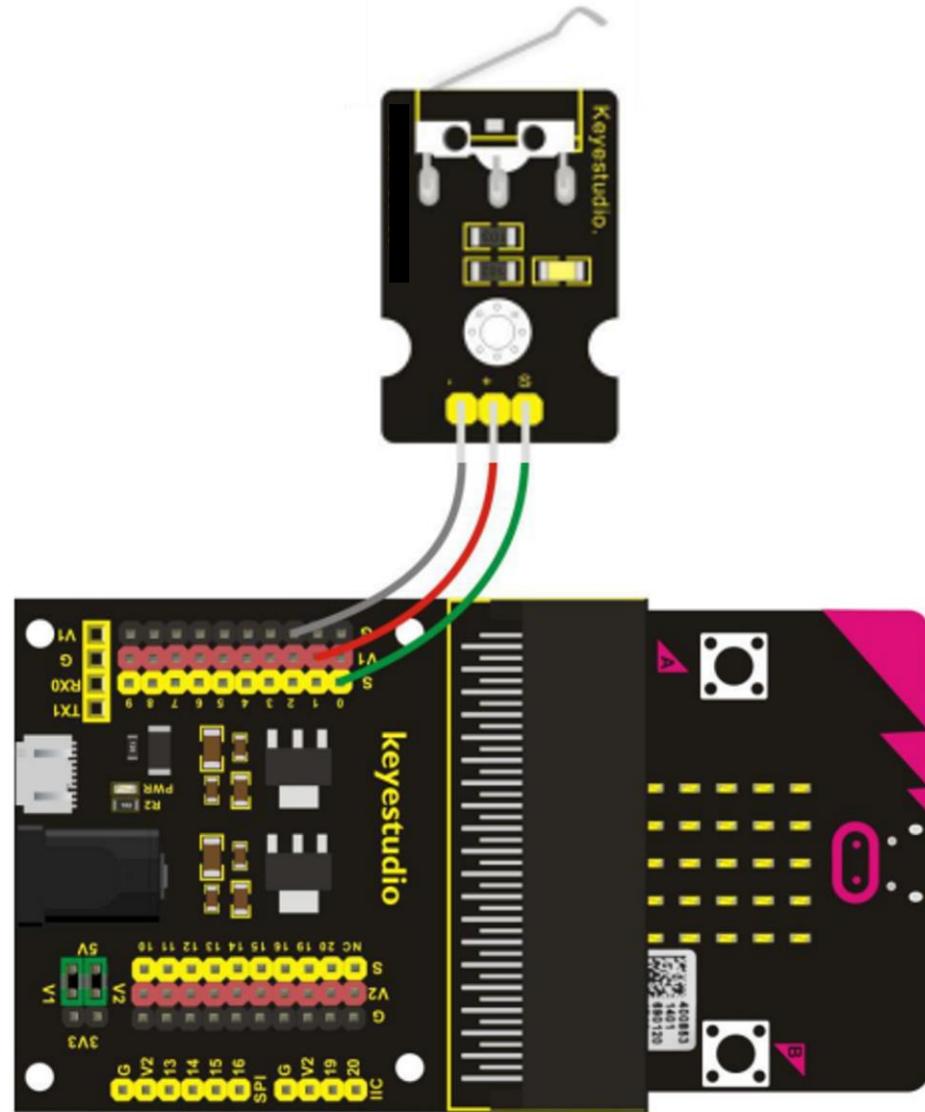
Cydrannau 3, 4, neu 5 Pin

Mae gan 3-pin un pin rhaglenadwy

Mae gan 4-pin ddau bin rhaglenadwy

Mae gan 5-pin dri phin rhaglenadwy

Gwifriad



Estyniadau

Chwilio...



 Sylfaenol

 Mewnbwn

 Cerddoriaeth

 Led

 Radio

 Dolennau

 Rhesymeg

 Newidynnau

 Mathemateg

 Estyniadau

 Uwch

Estyniadau

The screenshot shows the Microsoft MakeCode Extensions page. At the top, there is a blue header with a "Go Back" button, the word "Extensions", and a help icon. Below the header is a search bar with the placeholder text "Search or enter project URL...". Underneath the search bar are several category buttons: "Lights and Display", "Software", "Science", "Robotics", "Gaming", and "Networking".

The main content area is titled "Recommended" and features a grid of extension cards. Each card includes an icon, a title, a brief description, and a "Learn More" link. A red box highlights two specific extension cards: "servo" and "sonar".

Recommended Extensions:

- datalogger**: Data logging to flash memory. micro:bit (V2) only. [Learn More](#)
- radio-broadcast**: Adds new blocks for message communication in the radio category. [Learn More](#)
- servo**: A micro-servo library. [Learn More](#)
- audio-recording**: Record sound clips. micro:bit (V2) only. [Learn More](#)
- neopixel**: AdaFruit NeoPixel driver. [Learn More](#)
- microturtle**: A LOGO-like turtle library. [Learn More](#)
- sonar**: A MakeCode package to use sonar sensors. [Learn More](#)
- kitronik-servo-lite**: Blocks to simplify using Kitronik Servo:Lite board in PXT. [Learn More](#)
- kitronik-motor-driver**: Blocks to simplify using Kitronik products in PXT. [Learn More](#)
- Grove**: A Microsoft MakeCode package for Seeed Studio Grove module. [Learn More](#)

An "Import File" button is located in the top right corner of the extension grid.

Rhybuddion Diogelwch

Tortsh UV - Peidiwch â'i anelu at unrhyw beth heblaw'r synwryddion.

Rhybuddion Diogelwch

Magnetau – Peidiwch â rhoi'r magnetau ar unrhyw gyfrifiaduron/Micro:Bits neu fyrddau cydrannau.

Rhybuddion Diogelwch

Goleuadau Llachar – Mae un o'r goleuadau LED yn llachar IAWN, peidiwch ag edrych yn syth tuag ato.

Rhybuddion Diogelwch

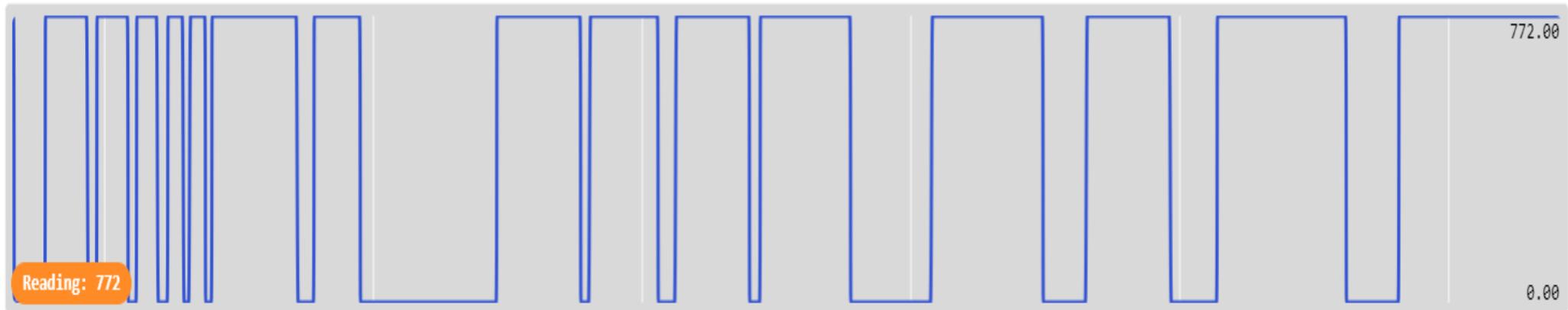
Seiniau Uchel – Mae 'na seiniwr uchel IAWN.

Gwefan:

[Makecode.microbit.org](https://makecode.microbit.org)

Dadfygio

Graff Mewnbyn Digidol



Diolch
