Micro:bit Optics LED object

The program was written in micropython using the mu editor. Download and save a local copy of the .hex file. Connect the BBC micro:bit to the computers USB port and simply drag and drop the .hex file onto the micro:bit ‘drive’.

If anyone would like a copy of the .py file for the mu editor please feel free to get in touch.

Program description

On starting, the program displays the letter ‘F’ on the BBC micro:bit LED array.

This can be used as an object in a simple lens set up.

On subsequent longish (1 s) pushes of either button A or Button B the display changes to show a reversed ‘F’, an upside down ‘F’ and lastly an upside down & reversed ‘F’ before returning to a ‘normal F’.