

makecode 匯入程式

步驟 1：點選 "匯入"

The screenshot shows the Microsoft MakeCode for micro:bit website. The browser address bar displays `https://makecode.microbit.org/#`. The page header includes the Microsoft logo and the micro:bit logo. Below the header, there is a banner with the text "Send messages with your micro:bit" and a button labeled "開始教程".

The main content area is titled "我的所有專案" (My All Projects) with a link "檢視全部" (View All). Below this, there is a grid of project cards. The first card is a purple button with a plus sign and the text "新增專案" (Add Project). The other cards are "小雲豹藍牙雙鍵滑鼠" (40 秒前), "temp" (9 日前), "Name Tag" (1 個月前, 5/5), and "Flashing Heart" (1 個月前, 6/6). A red box highlights the "匯入" (Import) button in the top right corner of the project grid, with a red arrow pointing to it from the "步驟 1" header.

Below the project grid, there is a section titled "教程" (Tutorials) with a "New? Start Here!" banner. The tutorial cards include "Flashing Heart", "Name Tag", "Smiley Buttons", "Dice", and "Love Meter".

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步驟 2：點選 " 匯入檔案... "

The screenshot shows the Microsoft MakeCode for micro:bit website interface. A modal dialog box titled "匯入" (Import) is open in the center. The dialog contains three options:

- 匯入檔案...** (Import File...): This option is highlighted with a red circle and a red arrow pointing to it from the text above. Below the title, it says "匯入一個你的電腦上的專案" (Import a project from your computer).
- 匯入 URL...** (Import URL...): Below the title, it says "打開一個已分享專案的網址或是 GitHub repo" (Open a URL of a shared project or GitHub repo).
- 你的 GitHub Repo...** (Your GitHub Repo...): Below the title, it says "複製或是創建你自己的 GitHub 存放庫" (Copy or create your own GitHub repository).

The background of the website shows the "Introduction to the BBC micro:bit" section with a "檢視文件" (View Files) button, a "新增專案" (Add Project) button, and a "教程" (Tutorials) section with various project cards like "Flashing Heart", "Name Tag", "Smiley Buttons", "Dice", and "Love Meter".

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步驟 3：點選 " 選擇檔案 "

The screenshot shows the Microsoft MakeCode for micro:bit website interface. A modal dialog box titled "開啟 .mkcd 或 .hex 檔" (Open .mkcd or .hex file) is displayed in the center. The dialog contains the text "選擇要開啟的 .mkcd 或 .hex 檔案。" (Select the .mkcd or .hex file to open.) and a button labeled "選擇檔案" (Select file) which is highlighted with a red box. To the right of this button is the text "沒有選擇檔案" (No file selected). Below the input area, there is a message: "你可以用拖曳到編輯器的方式匯入！" (You can import by dragging to the editor!). At the bottom right of the dialog is a green button labeled "繼續！" (Continue!). The background of the website shows the "Introduction to the BBC micro:bit" section with a "檢視文件" (View files) button, a "新增專案" (Add project) button, and a "教程" (Tutorials) section with various project thumbnails like "Flashing Heart", "Name Tag", "Smiley Buttons", "Dice", and "Love Meter".

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步驟 4：選取要匯入的程式檔案 (.hex檔)

The screenshot shows the MakeCode IDE interface with a file explorer window open. The file explorer is displaying the contents of a folder named 'Project-wu > 小雲豹藍牙雙鍵滑鼠'. The file 'microbit-雙鍵滑鼠P12v1_1.hex' is selected and highlighted with a red box. A red arrow points from the step title to this file. The MakeCode interface shows a '匯入' (Import) button and a '繼續!' (Continue!) button.

名稱	狀態	修改日期
microbit-雙鍵滑鼠P12v1_1.hex		2025/6/7 下午 03:33
小雲豹使用說明.pdf		2025/6/7 下午 03:33

檔案名稱(N): microbit-雙鍵滑鼠P12v1_1.hex 所有檔案 (*.*)

從行動裝置上傳 開啟(O) 取消

繼續! ✓

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步驟 5：點選 "繼續！"

The screenshot shows the Microsoft MakeCode for micro:bit web interface. A modal dialog box titled "開啟 .mkcd 或 .hex 檔" (Open .mkcd or .hex file) is centered on the screen. The dialog contains the following text and elements:

- Header: 開啟 .mkcd 或 .hex 檔
- Instruction: 選擇要開啟的 .mkcd 或 .hex 檔案。
- Input field: 選擇檔案 microbit-雙鍵滑鼠P12v1_1.hex
- Text: 你可以用拖曳到編輯器的方式匯入！
- Buttons: 繼續! (highlighted with a red box and a red arrow from the step header), 取消 (X icon)

The background of the website is dimmed, showing navigation links like "觀看影片清單", "我的所有專案", and "新增專案", along with a grid of project thumbnails including "Flashing Heart", "Name Tag", "Smiley Buttons", "Dice", and "Love Meter".

The screenshot displays the Microsoft MakeCode editor interface for a micro:bit. On the left, a virtual micro:bit board is shown with a USB cable connected. The central panel features a search bar and a categorized block palette with options like '基本' (Basic), '輸入' (Input), '音效' (Sound), '燈光' (Light), '藍牙' (Bluetooth), '迴圈' (Loops), '邏輯' (Logic), '變數' (Variables), '數學' (Math), 'Keyboard', 'Mouse', and 'Media'. The main workspace contains a JavaScript script with the following code blocks:

```
function clear num {
  暫停 num x 100 毫秒
  清空 畫面
}

當藍牙連線
顯示 圖示 [LED Matrix]
呼叫 clear showtime

當藍牙斷線
顯示 圖示 [LED Matrix]
呼叫 clear showtime
```

At the top right, a 'Sound' block is configured with 'Sound' selected, a volume of 28, and a duration of 20. Below it, a 'play tone' block is set to '高音 B' (High C) for 1/8 of a beat, with 'looping in background' checked. On the right side, a '當事件發生' (When event happens) block is triggered by 'MICROBIT_ID_IO_P1' (Digital pin 1). The event handler includes:

- An '如果' (If) block: '如果 Cur < 4 那麼' (If Cur < 4 then)
- A '變數' (Variable) block: '變數 Cur 改變 1' (Change variable Cur by 1)
- A '否則' (Else) block: '否則' (Else)
- A '變數' (Variable) block: '變數 Cur 設為 1' (Set variable Cur to 1)
- A 'play tone' block: 'play tone 高音 B for 1/8 拍 背景' (Play tone High C for 1/8 beat background)
- An '如果' (If) block: '如果 Cur = 1 那麼' (If Cur = 1 then)

The bottom of the interface includes a '下載' (Download) button, a file name '雙鍵滑鼠P12v1_1', and standard window controls.