

FlipRobot, Operation System and FlipCode

FlipRobot		E3	00		E310							
Operation System	Windows	Мас	Chrome Book	iPad	Windows	Mac	Chrome Book	iPad				
Web Browser Version			Y		Y	Y	Y					
https://tools.fliprobot.co m/flipcode	Х	Х	Micro USB	Х	Blue	tooth	Bluetooth / USBC	Х				
	Y				Y							
Windows App	Micro USB	х	х	х	Bluetooth / USBC	х	х	Х				
Мас Арр	Х	Y				Y		х				
		Micro USB	х	х	Х	Bluetooth / USBC	Х					
iOS (iPad) App	х	v	V	v	v	v	х	Y				
		Λ	^	Λ	^	~		Bluetooth				

*Standalone app needs minimum Windows10 1809 64/ Mac 10.13

FlipCode Application (Windows/Mac/Chromebook)

Windows / Mac Applications (OneDrive Folder) – E300 and E310

 <u>https://acturataiwan-</u> <u>my.sharepoint.com/personal/ricky_chu_actura_com_tw/_layouts/15/onedriv_e.aspx?id=%2Fpersonal%2Fricky%5Fchu%5Factura%5Fcom%5Ftw%2FDocume_nts%2FFlipCode&ga=1</u>

Online Web Browser Version - E310 Only

<u>https://tools.fliprobot.com/flipcode</u>

FlipCode iOS App

Make sure :

- Your iPad is minimum 3rd Gen and iOS 9.3.5 version
- your iPad is connected to WiFi.
- your iPad's Bluetooth is turned on.
- a. Download and install the FlipCode app from Appstore. (Figure 1.)
- b. Open the FlipCode app and press "OK" to allow using Bluetooth the first time. (Figure 2.)
- c. If you choose "don't allow", you have to go to settings and find the FlipCode app to allow Bluetooth. (Figure 3.)



How to use Bluetooth on FlipCode

(E310 Only)

1. Turn on FlipRobot

2. Note the Bluetooth code of your FlipRobot (this will be on the box)

3. Click 'Bluetooth'

FlipCode 2.7.0																			- 0
			Flip Code													Default Firmwar	EN 🔹		
(*) Bluetooth																		🛸 Blockly	
Logic														* * * *		+ + +			
Control		1.1212		2 2 2 2 2 20		a tal a la			1.00						1223				11111
Math																			
Text				$c_{\rm c} = c_{\rm c} + c_{\rm c} + c_{\rm c}$												1. A. A.		* * * * * * * *	8 8 8 M
Variables		1 (1) (1) (1) (1)	 (a) (b) (b) (b) 	$C_{\rm c} \approx 10000000$	$C \in \mathcal{K} \times \mathcal{K}$		0.00	$(1, 2, 3) \in \mathbb{R}$	+ +	$0 \times \times 3$	1.11.11.1	× × × ×	$\sim 10^{-10}$ K \approx	$x_{-} \in \infty \to \infty$	 (a) (b) (b) (b) (b) 	* * *			$X = (X = (X = (Y = Y))^{-1} (Y = (Y = Y)^{-1} (Y = (Y = (Y = Y)^{-1} (Y = (Y = Y)^$
Functions		1.1.1.1.1		1. 1. 1. 1. 1.		+ + + +		* * * *	* * *		* * * *					+ + +			A A A A A
Functions																			
input/Output	1000	11111		11111		1111			1.1.1	1111		1111		1111		2.2.2			
Serial																			
Motor																			
Sensor		A 147100 AC 4	and a second	K. K. K. M. 147	E E E X 3		- a - acca	E = E = 0	1	$x \propto x$	1	$X \to X \to 0$	0.061 80.06	1.1.1.1.1.1	and the second second	+	a a a acas a	a a a acteria a	A 16 18 191100
Board				$c_{-} = c_{-} + c_{-$								$x \rightarrow x \rightarrow x$	$(-\infty) = -\infty$	$X_{i} = X_{i} = X_{i}$				$(x_1,y_2,y_3,y_4,y_4,y_4,y_4,y_4,y_4,y_4,y_4,y_4,y_4$	
Doard Domate Control				· · · · ·							* * * *			* * * *		* * *			
Remote Control		+ + + + +	* * * * *	* * * * *				* * * *	* * *	* * * *	* * * *	* * * *				* * *		a a a a a a a	+ + + + + +
Display		131555	* * * * ** *					たたたけ	1.1.1	1.1.1.1	1.11.11.1		이번 전 전	1.1.1.1.1		たいたいた			1 - 1 - 1 - E
Bluetooth					******							8 8 8 B							
Library	1000																		
									Set up			Loop							
		1. 1. 1. 1. 1.										· · ·							
	1.0.0			$K_{\rm c} = \{K_{\rm c}, K_{\rm c}, K_{\rm c}, K_{\rm c}, K_{\rm c}\}$	$C \in \mathbb{R}^{n} \times \mathbb{R}$	$\kappa \propto \kappa + \epsilon$				0.00		$X_{i} = X_{i} = 0$	0.00	$K_{-}(X_{-})\in \mathbb{R}^{n}$		${\bf x} = {\bf x}$		X X X X X X X	$(X_{i}, Y_{i}, Y_{i}) \in \{1, 2, 3, 3, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5, 5,$
		1	8 9 9 9 8 9 8	(1,1,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2,2	c > c > c	4 4 4 4	C (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4 (4	10 N N N	A . A . A.	1.1	1 A A A		1.1	8 9 9 0 C	$V \neq A > A$	9 (A) A			$x_{i} = x_{i} + x_{i$
								* * * *	* * *					* * * *		4. 4. 4.			
	2	* * * * *		1 A A A				* * * *	* * *					* * * *					

5. Select your FlipRobot, then 'Connect'. If multiple robots are close-by, you will see multiple codes.





6. Your FlipRobot will connect.

8. The Bluetooth button will now be illuminated on the FlipCode home screen, and you can upload code to your FlipRobot.

