



Chipsmall Limited consists of a professional team with an average of over 10 year of expertise in the distribution of electronic components. Based in Hongkong, we have already established firm and mutual-benefit business relationships with customers from,Europe,America and south Asia,supplying obsolete and hard-to-find components to meet their specific needs.

With the principle of “Quality Parts,Customers Priority,Honest Operation,and Considerate Service”,our business mainly focus on the distribution of electronic components. Line cards we deal with include Microchip,ALPS,ROHM,Xilinx,Pulse,ON,Everlight and Freescale. Main products comprise IC,Modules,Potentiometer,IC Socket,Relay,Connector.Our parts cover such applications as commercial,industrial, and automotives areas.

We are looking forward to setting up business relationship with you and hope to provide you with the best service and solution. Let us make a better world for our industry!



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ICP2 Family Programmings

	Features	 ICP2-PORTABLE	 ICP2	 ICP2-GANG	 ICP2(HC)
1.	Primary use	Service	Mass production	Heavy mass production	High-current targets
2.	Dimensions, mm	130x65x26	175x85x35	195x110x68	175x85x35
3.	Number of channels	1	1	4 (daisy chain capability up to 64 channels)	1
4.	Target connector	D-type 15F	D-type 15F	D-type 15F x 4	D-type 15F
5.	Battery powered (AAx3)	Yes	-	-	-
6.	USB powered	Yes	Yes (VDD current is limited to 40mA)	-	-
7.	Power adapter voltage	9V, 12V, 15V	12V	12V	12V
8.	Communication interface	USB	USB, RS-232	USB, RS-232	USB, RS-232
9.	VDD current, max	50mA	250mA	250mA (per channel)	1000mA
10.	VPP current, max	10mA	25mA	25mA	100mA
11.	Clock/data current, max	5mA	5mA	5mA	100mA
12.	Flash memory size	4MByte	1MByte	1MByte	1MByte
13.	GO/PASS/FAIL wired interface	Contact Softlog Systems	Yes	Yes	Yes
14.	Programmable VDD	2-5.5V	2-5.5V	2-5.5V	2-5.5V
15.	Programmable VPP	2-13.5V	2-13.5V	2-13.5V	2-13.5V
16.	Programmable clock/data speed	500KHz-10MHz	500KHz-10MHz	500KHz-10MHz	500KHz-10MHz
17.	Secure programming	Counter limit only	Optional	Optional	Optional
18.	Standalone programming	Yes	Yes	Yes	Yes
19.	Number of environments	6	1	1(per channel)	1
20.	Standalone serialization	Yes	Yes	Yes	Yes

How To Order

1 - 2 3 4 5 6

1: Programmer P/N:

ICP2PORT = ICP2-PORTABLE
ICP2 = ICP2

ICP2GANG = ICP2-GANG
ICP2(HC) = ICP2(HC)

2: D = DLL/Command Line Support

3: P = dsPIC/PIC24 (16-bit) Support

4: S = Secure Programming Support

5: K = Keeloq Support

6: X = PIC32 Support

Examples:

ICP2GANG-DS = ICP2-GANG programmer with DLL/Command Line Support and Secure Programming Support

ICP2PORT-P = ICP2-PORTABLE programmer with dsPIC/PIC24 (16-bit) Support

	Microchip P/N	Softlog P/N	Channels	Battery Powered	Box Size, mm	Drive Capability	DLL/ Command Line Support (D)	dsPIC/ PIC24 (16-bit) Support (P)	Secure Programming Support (S)	Keeloq Support (K)	PIC32 Support (X)
1.	TPG10001	ICP2	1	-	175x85x35	Normal	-	-	-	-	-
2.	TPG10002	ICP2-DP	1	-	175x85x35	Normal	Yes	Yes	-	-	-
3.	TPG10004	ICP2GANG-DP	4	-	195x110x68	Normal	Yes	Yes	-	-	-
4.	TPG10005	ICP2GANG	4	-	195x110x68	Normal	-	-	-	-	-
5.	TPG10006	ICP2GANG-DS	4	-	195x110x68	Normal	Yes	-	Yes	-	-
6.	TPG10007	ICP2-DS	1	-	175x85x35	Normal	Yes	-	Yes	-	-
7.	TPG10008	ICP2(HC)	1	-	175x85x35	High	-	-	-	-	-
8.	TPG10009	ICP2PORT	1	Yes	130x65x26	Base	-	-	-	-	-
9.	TPG10010	ICP2PORT-P	1	Yes	130x65x26	Base	-	Yes	-	-	-

Notes:

- Support for 8-bit microcontrollers is included in all programmers
- Any Support (D/P/S/K/X) may be activated remotely – contact Softlog Systems for details



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