



customcodecrafters

## Press and Hold

### GENERAL INFORMATION

<b>SIMPLWINDOWS FILE NAME:</b>	C3 press and hold.umc
<b>CATEGORY:</b>	Digital Logic
<b>CURRENT VERSION:</b>	1.00
<b>PROGRAMMER:</b>	Walt Yao
<b>SYSTEMBUILDER COMPATIBLE</b>	No
<b>SUMMARY:</b>	Detects for a digital signal held past the hold_time set.
<b>GENERAL NOTES:</b>	
<b>REQUIRED AUXILIARY FILES:</b>	None

### INPUT DEFINITIONS

<b>input_push</b>	<b>D</b>	Initiate an input push by setting to high
-------------------	----------	---

### OUTPUT DEFINITIONS

<b>output_press</b>	<b>D</b>	Will pulse high for 1t if input_push is held high then low within the time valued in hold_time.
<b>output_hold</b>	<b>D</b>	Will pulse high for 1t if input_push is held high past the time valued in hold_time.

### PARAMETERS

<b>hold_time</b>	<b>Seconds</b>	Number of seconds after input_push is high until output_hold is pulsed high.
------------------	----------------	--

© 2010 Custom Code Crafters (North America) Ltd.

This software & related Source Code is the intellectual property of Custom Code Crafters (North America) Ltd. Custom Code Crafters (North America) Ltd grants authorized Dealers and Partners the non-exclusive right to use and/or compile and/or compress the Software and upload such modified and/or compiled and/or compressed Software files to control systems within the bounds of the Software agreement. No right is granted to otherwise copy, reproduce, modify, upload, download, transmit or distribute the Software & Source Code or derivative works in any way.

The Software and Source Code and derivative works are protected by copyright trade secret and other intellectual property laws and by international treaties which provide rights and obligations in addition to the rights and obligations set forth here.

Help file compiled by:	Walt Yao
Help file checked by:	Mike Benton
Created:	Aug 23, 2010
Released:	Aug 24, 2010

C3 Custom Code Crafters (North America) Ltd.  
Unit 113 8988 Fraserton Court, Burnaby, British Columbia, V5J5H8

Telephone: +1-604-435-9266 Fax: +1-888-233-1298 Internet: <http://www.customcodecrafters.com>