

Name	Type	Source	preload
Output pin 0	bool	CTOUT_0	
outButtonPress	bool	CTOUT_1	TRUE
Output pin 2	bool	CTOUT_2	
Output pin 3	bool	CTOUT_3	
Limit unified counter	function	U_LIMIT	
Start unified counter	function	U_START	
Stop unified counter	function	U_STOP	
Halt unified counter	function	U_HALT	
Limit low counter	function	L_LIMIT	
Start low counter	function	L_START	
Stop low counter	function	L_STOP	
Halt low counter	function	L_HALT	
Limit high counter	function	H_LIMIT	
Start high counter	function	H_START	
Stop high counter	function	H_STOP	
Halt high counter	function	H_HALT	
Interval_timer_IRQ	function	IRQ	
Oscillator_period	Capture register	LOW	

```

LPC_SCT->OUTPUT = (LPC_SCT->OUTPUT & ~0x00000000) | 0x00000002;
LPC_SCT->OUT[1].SET = 0x00000010; /* outButtonPress */

```

output pin 1 event number bits 4 (hex) output number bits 1 (hex)