

Pin availability for SCT Inputs/Outputs on LPC1800/LPC4300 Board

#	LPC4300 Ports	LPC1800 Ports	NXP Eval Board v. 4.1	Hitex Board A2	NXP Validation Board
CTIN_0	P2_4, Func 3	P2_4, Func 3		X3, pin 14	I2C_1, pin 6
CTIN_1	P2_3, Func 0 PD_10, Func 1	P2_3, Func 3 PD_10, Func 1	X1, pin 20	X3, pin 11	I2C_1, pin 7
CTIN_2	P2_5, Func 1 P4_10, Func 1 PF_8, Func 1 Not working on LPC4300TC2	P2_5, Func 1 P4_10, Func 1 PF_8, Func 2	JP7, pin 1	X11, pin 13 X5, pin 20	LCD_UNI, pin 16
CTIN_3	P7_3, Func 1 PE_10, Func 1	P7_3, Func 1 PE_10, Func 1	X1, pin 22	SV18, pin 16	LCD_UNI, pin 22
CTIN_4	P2_13, Func 1 P7_2, Func 1 PE_9, Func 1	P2_13, Func 1 P7_2, Func 1 PE_9, Func 1		X11, pin 21	LCD_UNI, pin 23
CTIN_5	P4_8, Func 1 PD_7, Func 1	P4_8, Func 1 PD_7, Func 1			
CTIN_6	P4_9, Func 1 P6_4, Func 1 PD_8, Func 1	P4_9, Func 1 P6_4, Func 1 PD_8, Func 1		X11, pin 14	LCD_UNI, pin 19
CTOUT_0	P2_8, Func 1 P4_2, Func 1 PE_15, Func 1	P2_8, Func 1 P4_2, Func 1 PE_15, Func 1	X1, pin 3	X11, pin 7	LCD_UNI, pin 9
CTOUT_1	P2_7, Func 1 P4_1, Func 1 PF_9, Func 1	P2_7, Func 1 P4_1, Func 1 PF_9, Func 3	X1, pin 4	JP20, pin 2	LCD_UNI, pin 6
CTOUT_2	P2_10, Func 1 P4_4, Func 1 PE_6, Func 1	P2_10, Func 1 P4_4, Func 1 PE_6, Func 1	X1, pin 5	JP22, pin 2	LCD_UNI, pin 7
CTOUT_3	P2_9, Func 1 P4_3, Func 1 PE_5, Func 1	P2_9, Func 1 P4_3, Func 1 PE_5, Func 1	X1, pin 6	X11, pin 6	LCD_UNI, pin 8

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CTOUT_4	P2_12, Func 1 P4_6, Func 1 PE_8, Func 1	P2_12, Func 1 P4_6, Func 1 PE_8, Func 1	X1, pin 7	X11, pin 35	LCD_UNI, pin 35
CTOUT_5	P2_11, Func 1 P4_5, Func 1 PE_7, Func 1	P2_11, Func 1 P4_5, Func 1 PE_7, Func 1	X1, pin 8	X11, pin 28	LCD_UNI, pin 28
CTOUT_6	P6_5, Func 1 PD_3, Func 1	P6_5, Func 1 PD_3, Func 1			
CTOUT_7	P6_12, Func 1 PD_2, Func 1	P6_12, Func 1 PD_2, Func 1			
CTOUT_8	P7_7, Func 1 PD_4, Func 1	P7_7, Func 1 PD_4, Func 1		X11, pin 34	LCD_UNI, pin 34
CTOUT_9	PA_4, Func 1 PD_5, Func 1	PA_4, Func 1 PD_5, Func 1	X1, pin 19		
CTOUT_10	PB_0, Func 1 PD_6, Func 1	PB_0, Func 1 PD_6, Func 1		X11, pin 27	
CTOUT_11	P7_6, Func 1 PE_12, Func 1	P7_6, Func 1 PE_12, Func 1		X11, pin 30	LCD_UNI, pin 30
CTOUT_12	P7_5, Func 1 PE_11, Func 1	P7_5, Func 1 PE_11, Func 1		SV18, pin 2	
CTOUT_13	P7_4, Func 1 PD_9, Func 1	P7_4, Func 1 PD_9, Func 1			
CTOUT_14	P7_0, Func 1 PE_13, Func 1	P7_0, Func 1 PE_13, Func 1	X1, pin 23	JP19, pin 1	
CTOUT_15	P7_1, Func 1 PD_0, Func 1	P7_1, Func 1 PD_0, Func 1		X11, pin 22	LCD_UNI, pin 24