Port Pins already connected to devices		**Free pins**
PA0/U0RX	UART0 receive	PB0/PWM2
PA1/U0TX	UART0 transmit	PB1/PWM3
PG0	SD card chip select	PB2/SCL
PA2/SSI0	SD card and oLED clock	PB3/SDA
PA3	oLED CSn	PB4/C0-
PA4/SSI0	RX SD card data out	PB5/C0O
PA5/SSI0	TX SD and oLED data in	PB6/C0+
PA6/CCP1	oLED data/control select	PC4/PHA0
PA7	oLED +15 power enable	PC5
PG1/PWM1	Sound	PC6/PHB0
PF1/IDX1	Select switch	PC7
PE0/PWM4	Up switch	PD2/U1RX
PE2/PHB1	Left switch	PD3/U1TX
PE3/PHA1	Right switch	PD4/CCP0
PE1/PWM5	Down switch	PD5
PF0/PWM0	User LED	PD6/FAULT
PF2/LED1	LED in Ethernet jack	PD7/IDX0
PF3/LED0	LED in Ethernet jack	ADC3
PC2/TDI	JTAG output	ADC2
PC3/TDO	JTAG output	ADC1
PB7/TRST	Debug	ADC0
PD0/CAN0RX	CAN	
PD1/CAN0TX	CAN	

PD4/CCP0	30	29	PD5	+15V	31	32	nc
PD6/FAULT	28	27	PD7/IDX0	+5V	33	34	GND
GND	26	25	ADC0	PB4/C0-	35	36	GND
ADC1	24	23	ADC2	PB6/C0+	37	38	PB5/C0O
ADC3	22	21	GND	PC2/TDI	39	40	PB7/TRST
nc	20	19	PD2/U1RX	PC3/TDO	41	42	GND
PD3/U1TX	18	17	PG1/PWM1*	PE2/PhB1*	43	44	PE3/PhA1*
PG0*	16	15	PC7	PE0/PWM4*	45	46	PE1/PWM5*
PC6/PHB0	14	13	PC5	PB2/SCL	47	48	PB3/SDA
+3.3V	12	11	PC4/PHA0	PB1/PWM3	49	50	GND
GND	10	9	PA0/U0RX*	PF1/IDX1*	51	52	PB0/PWM2
PA1/U0TX*	8	7	PA2/SSI0CLK*	PF3/LED0*	53	54	PF2/LED1*
PA3/SSI0FSS*	6	5	PA4/SSI0RX*	GND	55	56	OSC32OUT
PA5/SSI0TX*	4	3	PA6/CCP1*	GND	57	58	OSC32IN
PA7*	2	1	GND	PF0/PWM0*	59	60	+3.3V

An asterisk (*) by a signal name (also on the EVB PCB) indicates the signal is normally used for on-board functions. Normally, you should cut the associated jumper (JP1-15) before using an assigned signal for external interfacing.

All digital input pins are +5V tolerant

Analog input range is 0 to 3V.

LM3S2110 CAN Device Board pins already connected:
PD0/CAN0Rx
PD1/CAN0Tx
PF0/ PWM0/UP switch
PF1/ PWM1/DOWN switch
PF2/Status LED (green)

LM3S2110 CAN Device Board Free pins:
PC2
PH1
PH0
PD2
PD3
PD4/ CCP3
PD5
PD6/ Fault
PD7/ C0o
PG0
PG1
PC2/ TDI
PC4
PC3/ SWO/ TDO
PC5/ C1+
PC6/ C2+
PC7/ C2-
PA0/ U0Rx
PA1/ U0Tx
PA2/ SSI0Clk
PA3/ SSI0Fss
PA4/ SSI0Rx
PA5/ SSI0Tx
PA6/ CCP1
PB0/ CCP0
PB1/ CCP2
PB2/ I2C0SCL
PB3/ I2C0SDA
PB4/ C0-
PB5/ C1-
PB6/ C0+
PE0
PE1