

2x13 26 Pin				Atom Pin				ROS GPIO	Intel GPIO
Connector Pin	Schematic Name	Signal Name Post-Buffer	Name at Atom	Number	Bank	Pin No	Driver Pin No	Pin	Pin
18	SFH11_GPIO3	ISH_GPIO3	ISH_GPIO3	Y1	E	15	MF_ISH_GPIO_3	385	329
19	SFH11_GPIO4	ISH_GPIO4	ISH_GPIO4	AC2	E	22	MF_ISH_GPIO_4	392	336
20	SFH11_GPIO5	ISH_GPIO5	ISH_GPIO7	AC1	E	16	MF_ISH_GPIO_7	386	330
24	SFH11_GPIO0	ISH_GPIO0	ISH_GPIO0	AB2	E	21	MF_ISH_GPIO_0	391	335
25	SFH11_GPIO1	ISH_GPIO1	ISH_GPIO1	Y2	E	18	MF_ISH_GPIO_1	388	332
26	SFH11_GPIO2	ISH_GPIO2	ISH_GPIO2	AB3	E	24	MF_ISH_GPIO_2	394	338
--	DEBUG_UART0_TXD	DEBUG_UART0_DATAOUT	UART0_DATAOUT	Y12	SE	46	LPC_CLKRUNB	345	
--	DEBUG_UART0_RXD	DEBUG_UART0_DATAIN	UART0_DATAIN	V13	SE	48	LPC_FRAMEB	347	
--	I2C2_3P3_SDA	I2C2_SOC_SDA	I2C2_DATA	AC17	SW	62	I2C2_SDA	490	
--	I2C2_3P3_SCL	I2C2_SOC_SCL	I2C2_CLK	AA17	SW	66	I2C2_SCL	494	
15	UART1_TXD	UART1_DATAOUT	UART1_DATAOUT	AC14	SW	20	UART1_TXD	469	434
16	UART1_RXD	UART1_DATAIN	UART1_DATAIN	AD14	SW	16	UART1_RXD	465	430
22	UART2_TXD	UART2_DATAOUT	UART2_DATAOUT	AB13	SW	21	UART2_TXD	470	435
23	UART2_RXD	UART2_DATAIN	UART2_DATAIN	AE12	SW	17	UART2_RXD	466	431
--	AU_MIC_SEL	MIC_SEL	GPIO_N0	E17	N	0	GPIO_DFX_0	397	
--	3.3V_VOL_UP	VOL_UP	ISH_GPIO13	D17	N	7	GPIO_DFX_2	404	
--	3.3V_VOL_DN	VOL_DN	GPIO_DFX4	F18	N	5	GPIO_DFX_4	402	
--	BN_INT	BN_INT#	JTAG2_TDI	B14	N	17	GPIO_SUS3	408	
--	BN_RESET_3P3	BN_RESET_1P8	PMC_SUSCLK2	C14	N	25	GPIO_SUS6	416	
--	AU_RST_L	AU_RST#	GPIO_N8	D16	N	8	GPIO_DFX_6	405	
--	WIFI_EN		GPIO_N4	E16	N	4	GPIO_DFX_5	401	
2,4,6,8,10,12,14 and 17	GROUND	GND	GND	GND	GND	GND	GND		
3,5,7,9,11,13	+5.0V POWER IN	+5	+5	+5	+5	+5	+5		
1	OPTIONAL +12V IN	+12 FOR SPEAKER DRIVER	+12						

Note: Use at least 2-3 pins each to make ground and +5 power connection.