								eader 7J1							
					GPI)	IR/SD/L	ED Side		GPIC					
Ref Alias	Ref Functions / Pin Mux	Pad	Name	Chip	Linux #	sysfs	Row 1	Row 2	sysfs	Linux #	Chip	Name	Pad	Ref Functions / Pin Mux	Ref Alias
CC3.3V	3.3V	3.3V	3.3V	3.3V	3.3V	3.3V	1	2	5V	5V	5V	5V	5V	5V	VCC5V
C_SDA_AO	I2C_SDA_AO // I2C_SLAVE_SDA_AO // UART_RX_AO_B	D13	GPIOAO_5		0	5 506	3	4	5V	5V	5V	5V	5V	5V	VCC5V
2C_SCK_AO	I2C_SCK_AO // I2C_SLAVE_SCK_AO // UART_TX_AO_B	A10	GPIOAO_4		0	4 505	5	6	GND	GND	GND	GND	GNI	D GND	GND
GPIOCLK_0	CLK24 // CLK12 // CLKOUT	E9	GPIOCLK_0		1 9	8 499	7	8	49	2 9		1 GPIOX_12	A6	UART_TX_A (long fifo) // SLIP_UART_TX	UART_A_TX
GND	GND	GNE	GND	GND	GND	GND	9	10	49	3 92		1 GPIOX_13	B6	UART_RX_A // SLIP_UART_RX	UART_A_RX
2SOUT-CH23	2J1 SELECT // AO_CEC // EE_CEC // I2SOUT_CH23 // PWM_AO_A	F17	GPIOAO_8*		0	8 509	11	12	50	7 6		0 GPIOAO_6	C11	CLK_32K_IN // I2S_IN_01 // SPDIF_OUT // PWM_AO_	B PWM_F
2SOUT-CH45	REMOTE_OUTPUT // PWM_AO_B // I2SOUT_CH45 // SPDIF_OUT	C12	GPIOAO_9		0	9 510	13	14	GND	GND	GND	GND	GNI	D GND	GND
I2SOUT-CH67	INPUT LOW RESET // WATCHDOG // GPOAO_14 // I2SOUT_CH67	B12	TEST_N**		0 1	0 511	15	16	49	4 93	i	1 GPIOX_14	C6	UART_CTS_A // SLIP_UART_CTS	UART_A_CTS_N
VCC3.3V	3.3V	3.3V	3.3V	3.3V	3.3V	3.3V	17	18	49	5 94		1 GPIOX_15	C7	UART_RTS_A // SLIP_UART_RTS	UART_A_RTS_N
BTPCM_DOUT	PCM_OUT_A // UART_TX_C // SPI_MOSI // TSin_SOP_A	B4	GPIOX_8		1 8	7 488	19	20	GND	GND	GND	GND	GNI	D GND	GND
BTPCM_DIN	PCM_IN_A // UART_RX_C // SPI_MISO // Tsin_D_VALID_A	В3	GPIOX_9		1 8	8 489	21	22	48	0 79	l l	1 GPIOX_0	A2	SDIO_D0	WIFI_SD_D0
BTPCM_CLK	PCM_CLK_A // UART_RTS_C // SPI_SCLK // TSin_CLK_A	C4	GPIOX_11		1 9	0 491	23	24	49	0 89	ı	1 GPIOX_10	C5	PCM_FS_A // UART_CTS_C // SPI_SS0 // TSin_D0_A	BTPCM_SYNC
GND	GND	GNE	GND	GND	GND	GND	25	26	48	1 80	l l	1 GPIOX_1	C3	SDIO_D1	WIFI_SD_D1
2C_SDA_A	UART_CTS_B // I2C_SDA_B	E2	GPIODV_26		1 7	5 476	27	28	47	7 76	i e	1 GPIODV_2	7 F3	UART_RTS_B // I2C_SCK_B	I2C_SCK_A
BT_EN	BT_EN	B5	GPIOX_17		1 9	6 497	29	30	GND	GND	GND	GND	GNI	D GND	GND
BT_WAKE_HOST	BT_WAKE_HOST	B7	GPIOX_18		1 9	7 498	31	32	49	6 95		1 GPIOX_16	A3	PWM_E	WIFI_32K
WIFI_PWREN	PWM_A	D2	GPIOX_6		1 8	5 486	33	34	GND	GND	GND	GND	GNI	D GND	GND
	SDIO_IRQ // PWM_F	C1	GPIOX_7		1 8	6 487	35	36	48	2 8		1 GPIOX_2	C2	SDIO_D2	WIFI_SD_D2
WIFI_SD_CMD	SDIO_CMD	D3	GPIOX_5		1 8	4 485	37	38	48	3 82		1 GPIOX_3	B1	SDIO_D3	WIFI_SD_D3
GND	GND	GNE	GND	GND	GND	GND	39	40	48	4 83		1 GPIOX_4	B2	SDIO_CLK	WIFI_SD_CLK
ADC2 2SOUT-CH01 2S-LR-CLK 2S-AO-CLK 2S-AM-CLK SND /DDIO_AO3.3V	SARADC_CH2 JTAG_TD0 // I2SOUT_CH01 // TSin_D_VALID_B JTAG_TDI // I2S_LR_CLK_OUT // TSin_SOP_B JTAG_TMS // I2S_AO_CLK_OUT // Tsin_D0_B JTAG_TCK // I2S_AM_CLK // TSin_CLK_B GND 3.3V	N18 N20 GNE	SARADC_CH2 GPIOH_9 GPIOH_8 GPIOH_7 GPIOH_6 O GND	GND	ADC 1 2 1 2 1 2 1 2 1 3 GND 3.3V	4 425 3 424	2 3 4 5 6 7 8 MicroUSE	3/LED Side			RJ45	5 Fast Ethernet		CVBS HDMI 2.0	UART Jumper Header MicroUSB Power
							0 D: 114 D7					RESET			E : 00
								Γ Header 2J1 Edge Side						S905X 🕱	
GND	GND	GNI	GND	GND	GND	GND	1	age olde							RAM
_inux_TX	UART_TX_AO_A // UART_TX_AO_B		GPIOAO_0			0 501	2					4 USB			1.1 2.115
Linux_1X Linux_RX			GPIOAO_0		-	1 502	3					4 USB	8	AD O I AN	IR
LIIIUA_F\A	UART_RX_AO_A // UART_RX_AO_B	Da	GFIOAU_I	+-'	0	1 302	8 Pin Un	ader Side						Libre Computer Board	10 Z
							o PIII He	auel Side						AML-S905X-CC-V1.0-170420 GPIO	III III
							3 Pin SPDIF	F Header 9J1	1					San annanananan	1000000
								S Side							
GND	GND	GNE	GND	GND	GND	GND	1							40 Pin GPIO	Header
SPDIF_OUT	SPDIF_OUT // SPDIF_IN		GPIOH_4		1 2		2								
VCC5V	5V		5V	5V	5V	5V	3							Amlogic S905X SoC	
		+		1.	1	1	HDM	1I Side							
Requires 2.11 iumr	per to be positioned to pass GPIOAO_8 to 40 pin header. Default is set t	n HDM	II CEC. Move the	e iumne	er to the t	vo nins on t			controlling	n GPIO on	the 40 nin	header			
oquii oo zo i juliik	por to be positioned to pass of forto_o to 40 pin house. Default is set to	S 1 101V	525. 141546 1116	Jumpe		· · · · · · · · · · · · · · · · · · ·	cage of the	.5 50010 101 1		, 51 10 011	TO PIII				
	This pin can be set to input and pulled down to reset the system.														