

XO-1.75 EC Breadboard

Wirelist

FROM (EC)		Adapter	Signal	TO	Run	Notes
Pin	Pin					
9	1	VCC	+3.3V	-	-	
22	62	VCC	+3.3V	-	-	
33	49	VCC	+3.3V	-	-	
96	119	VCC	+3.3V	-	-	
111	87	VCC	+3.3V	-	-	
125	33	VCC	+3.3V	-	-	
67	110	AVCC	+3.3V	-	-	
39	29	TP_TEST	10K to +3.3V	-	Unused test inputs	
40	43	TP_PL	10K to +3.3V	-	-	
41	30	TP_TMUX	10K to +3.3V	-	-	
42	40	TP_ISP	10K to +3.3V	-	-	
124	3	+1.8V	0.1 uF to GND	-	Internal reg. bypassing	
11	6	GND	GND	-	-	
24	27	GND	GND	-	-	
35	41	GND	GND	-	-	
113	65	GND	GND	-	-	
94	116	GND	GND	-	-	
69	107	AGND	GND	-	-	
37	32	EC_RST#	SVR.2	-	EC Reset signal	
119	54	EC_SPL_MISO	EC SPL.2	-	EC Boot ROM	
120	18	EC_SPL_MOSI	EC SPL.5	-	-	
126	35	EC_SPL_CLK	EC SPL.6	-	-	
128	45	EC_SPL_CS#	EC SPL.1	-	-	
Connector Pin						
93	103	EC_SPL_CMD	HOST.12	-	Orange	Bonnell Pin TP42 GPIO78
95	90	EC_SPL_ACK	HOST.10	-	Green	TP43 GPIO79
109	79	SDI_MISO	HOST.4	-	Brown	R52 GPIO76
99	114	SDI_MOSI	HOST.6	-	White	R60 GPIO77
98	77	SDI_CLK	HOST.2	-	Orange	R50 GPIO74
97	101	SDI_CS#	HOST.8	-	Purple	Q3.2 GPIO75

FROM (EC)		Adapter	Signal	TO	Run	Notes
Pin	Pin					
122	44	EC_XTL_IN	Y1.1 plus 22 pF to GND	-	EC Crystal	
123	2	EC_XTL_OUT	Y1.4 plus 22 pF to GND	-		
30	28	EC_TX	SER.2	-	EC Serial Port	
31	39	EC_RX	SER.3	-		
63	94	EC_ID0	GND	-	Motherboard ID	
64	113	EC_ID1	GND	-		
49	63	PWR_BTN#	10K to +3.3V	-	Power Button	
49	63	PWR_BTN#	PWR_SW.1	-		
121	19	ALL_PWRGD	10K to +3.3V	NC	EC Inputs	
73	109	CHRG_AC_OK	10K to +3.3V	NC		
82	124	SYS_RESET#	10K to +3.3V	NC		
16	60	CHRG_DQ	3K to +3.3V	-	Battery Connection	
16	60	CHRG_DQ	battery connector green	-		
83	68	KBD_CLK	10K to +3.3V	-	Keyboard Inputs	
84	121	KBD_DAT	10K to +3.3V	-		
85	118	TPD_CLK	10K to +3.3V	-	Touchpad Inputs	
86	67	TPD_DAT	10K to +3.3V	-		
EC_SPI.3		WP#	D1.2	-	Other EC SPI Flash pins	
EC_SPI.7		HOLD	D1.2	-		
EC_SPI.8		SPI_VDD	D1.2	-		
EC_SPI.4		GND	GND	-		
D1.1		ANODE	+3.3V	-	EC SPI power	
SER.4		GND	GND	-	serial port ground	
SPI_P.1		EC_SPI_MISO	EC_SPI.2	-	EC SPI programming port	
SPI_P.2		SPI_VDD	D1.2	-		
SPI_P.3		EC_SPI_CLK	EC_SPI.6	-		
SPI_P.4		EC_SPI_MOSI	EC_SPI.5	-		

FROM (EC)		Adapter	Signal	TO	Run	Notes
Pin	Pin					
SPI_P.5		EC_SPI_CS#	EC_SPI.1		-	
SPI_P.6		GND	GND		-	
SVR.1		GND	GND		-	Other Supervisor pins
SVR.4		VCC	+3.3V		-	
RST_SW.1		RST_IN#	SVR.3		-	Manual Reset
RST_SW.2		GND	GND		-	
PWR_SW.2		GND	GND		-	