U1

CODEC

HPL	1	HPL
HPCOMFB	2	HPCOMFB
HPCOM	3	HPCOM
	4	HPVCC
	5	VCC_IO
TWI0_SDA	6	PD0/LCD_D2/TWI0_SDA
LCD_D3	7	PD1/LCD_D3
LCD_D4	8	PD2/LCD_D4
LCD_D5	9	PD3/LCD_D5
LCD_D6	10	PD4/LCD_D6
LCD_D7	11	PD5/LCD_D7
LCD_D10	12	PD6/LCD_D10
LCD_D11	13	PD7/LCD_D11
LCD_D12	14	PD8/LCD_D12
LCD_D13	15	PD9/LCD_D13
LCD_D14	16	PD10/LCD_D14
LCD_D15	17	PD11/LCD_D15
TWI0_SCK	18	PD12/LCD_D18/TWI0_SCK
LCD_D19	19	PD13/LCD_D19
	20	VCC_IO
LCD_D20	21	PD14/LCD_D20
	22	VDD_CORE
LCD_D21	23	PD15/LCD_D21
LCD_D22	24	PD16/LCD_D22
LCD_D23	25	PD17/LCD_D23
LCD_CLK	26	PD18/LCD_CLK
LCD_DE	27	PD19/LCD_DE
LCD_HSYNC	28	PD20/LCD_HSYNC
LCD_VSYNC	29	PD21/LCD_VSYNC
	30	VCC_DRAM
	31	VCC_DRAM
	32	VCC_DRAM
SVREF	33	SVREF
	34	VCC_DRAM
	35	VDD_CORE
	36	VCC_DRAM
PWM	37	PE12/DA_MCLK/TWI0_SDA/PWM0
CLK	38	PE11/CLK_OUT/TWI0_SCK/IR_RX
	39	PE10/CS1_D7/UART2_CTS/SPI1_MISO
	40	PE9/CSI_D6/UART2_RTS/SPI1_CLK
	41	PE8/CSI_D5/UART2_RX/SPI1_MOSI
	42	PE7/CSI_D4/UART2_TX/SPI1_CS
	43	PE6/CSI_D3/PWM1/DA_OUT/OWA_OUT
	44	PE5/CSI_D2/DA_IN

F1C200s

LCD
DRAM
CSI

RTP
SPI
SDIO
OSC

EPAD	89	
HPR	88	HPR
MICIN	87	MICIN
LINL	86	LINL
FMINR	85	FMINR
FMINL	84	FMINL
VRA2	83	VRA2
AGND	82	AGND
VRA1	81	VRA1
AVCC	80	AVCC
LRADC0	79	LRADC
TVIN0	78	TV_IN0
TVIN1	77	
TV_VRP	76	TV_VRP
TV_VRN	75	TV_VRN
TVGND	74	AGND
TV_VCC	73	TV_VCC
TVOUT	72	TV_OUT
VDD_CORE	71	
RESET	70	RSTN
USB_DP	69	USB_DP
USB_DM	68	USB_DM
VCC_USB	67	
PA0/TPX1/DA_BCLK/UART1_RTS/SPI1_CS	66	PA0
PA1/TPX2/DA_LRCK/UART1_CTS/SPI1_MOSI	65	PA1
PA2/TPY1/PWM0/DA_IN/UART1_RX/SPI1_CLK	64	PA2
PA3/TPY2/IR_RX/DA_OUT/UART1_TX/SPI1_MISO	63	PA3
PC3/SPI0_MOSI/UART0_TX	62	SPI0_MOSI
PC2/SPI0_MISO/SDC1_D0	61	SPI0_MISO
PC1/SPI0_CS/SDC1_CMD	60	SPI0_CS
PC0/SPI0_CLK/SDC1_CLK	59	SPI0_CLK
PF0/SDC0_D1/DBG_MS	58	SDC0_D1
PF1/SDC0_D0/DBG_DI	57	SDC0_D0
PF2/SDC0_CLK/UART0_RX	56	SDC0_CLK
PF3/SDC0_CMD/DBG_DO	55	SDC0_CMD
PF4/SDC0_D3/UART0_TX	54	SDC0_D3
PF5/SDC0_D2/DBG_CK/PWM1	53	SDC0_D2
HOSCO	52	XO
HOSCI	51	XI
VCC_IO	50	
PE0/CSI_HSYNC/TWI2_SCK/UART0_RX	49	PE0/RX0
PE1/CSI_VSYNC/TWI2_SDA/UART0_TX	48	PE1/TX0
PE2/CSI_PCLK/CLK_OUT	47	PE2
PE3/CSI_D0/DA_BCLK	46	PE3
PE4/CSI_D1/DA_LRCK	45	PE4

VCC3V3 VCC_TV VCC_CORE
C36 C37 C38 C39 C34 C35 C1 C2 C3
10uF 0.1uF 0.1uF 0.1uF 10uF 0.1uF 10uF 0.1uF 0.1uF 0.1uF
GND AGND GND

VCC3V3
C14 C16
10uF 0.1uF
GND

AGND
AVCC

GND

HPCOMFB
C4 C5 C7 R1 C6
1uF 4.7uF 0.1uF 200K 1uF
AGND R2 0R
GND

VCC3V3
VCC_TV
R15 0R R3
VCC_CORE 10K
C20
1uF GND

VCC3V3
TP_INT
DVP_RST GND

C11
C12 TV_VRP TV_VRN C13
4.7uF 10uF 4.7uF
AGND

RX1
TX1

VCC_DRAM
C19 C15 C21 VCC_CORE
10uF 1uF 0.1uF
GND

VCC_DRAM
VCC_DRAM
VCC_CORE

VCC_DRAM
R5 C24
2K/1% 0.1uF
SVREF
R14 C17
2K/1% 0.1uF
GND

VCC3V3
VCC3V3

X1
1 4 GND
C8 C9
40pF 10pF
XI 2.5x3.2 3
XTAL2520-24M
GND

VCC3V3
R7
10K
SPI0_CS
SPI0_MISO

U3
1	/CS	VCC	8
2	DO	/HOLD	7
3	/WP	CLK	6
4	GND	DI	5

VCC3V3
C18
0.1uF
SPI0_CLK
SPI0_MOSI
SPIFLASH_SOP8W
GND