

pin definition			
		JP1 (power+USB2.0+io port)	
		1	P_GPIO8
		2	P_GPIO9
		3	P_GPIO3
		4	GND
		5	DM
		6	DP
		7	GND
		8	12Vin
J20 (analog sound input)		1	Lin
		2	GND
		3	Rin
J21 (analog sound output)		FPC1 (HDMI input)	
1	Lout	1	GND
2	GND	2	RX_HPD
3	Rout	3	GND
U12 (100-Megabit Ethernet port)		4	RX_SCL
1	RX+	5	RX_SDA
2	RX-	6	NC
3	TX+	7	HDMI-5V
4	TX-	8	GND
		9	TMDS_CLK-
		10	TMDS_CLK+
		11	GND
		12	TMDS_D0-
		13	TMDS_D0+
		14	GND
		15	TMDS_D1-
		16	TMDS_D1+
		17	GND
		18	TMDS_D2-
		19	TMDS_D2+
		20	GND

