

Super I/O F81966D GPIO Pins :

[PIN NO.	PIN Name	Multi-Func	Power Well	GPIO Function	PIN NO.	PIN Name	Multi-Func	Power Well	GPIO Function	PIN NO.	PIN Name	Multi-Func	Power Well	GPIO Function
[52	GPIO00	ERP_CTRL0#	SB3V	mSATA_PCIe_SEL	36	GPIO30	DCD3	3VCC	SDCD3X	17	GPIO60	DCD5	3VCC	SDCD5X
	53	GPIO01	ERP_CTRL1#	SB3V	USB_EN	37	GPIO31	RI3	3VCC	SRI3X	18	GPIO61	RI5	3VCC	SRI5X
	54	GPIO02	SUS_WARN#	SB3V	SUS_WARN#	38	GPIO32	CTS3	3VCC	SCTS3X	19	GPIO62	CTS5	3VCC	SCTS5X
1	55	GPIO03	SUSACK#	SB3V	SUSACK#	39	GPIO33	DTR3	3VCC	SDTR3X	20	GPIO63	DTR5	3VCC	SDTR5X
	56	GPIO04	SLP_SUS#	SB3V	SLP_SUS#	40	GPIO34	RTS3	3VCC	SRTS3X	21	GPIO64	DSR5	3VCC	SDSR5X
	57	GPIO05	SOUT5	SB3V	STXD5X	41	GPIO35	DSR3	3VCC	SDSR3X	74	GPIO65	PME#	SB3V	LPC_PME#
	58	GPIO06	SIN5	SB3V	SRXD5X	42	GPIO36	SOUT3	3VCC	STXD3X	86	GPIO66	DPWROK	VBAT	DPWROK
L	59	GPIO07	RTS5#	SB3V	SRTS5X	43	GPIO37	SIN3	3VCC	SRXD3X	87	GPIO67	S5#	VBAT	SLP_S4#
	65	GPIO10	LED_VSB	SB3V	NC	44	GPIO40	DCD4	3VCC	SDCD4X	103	GPIO70	PE	3VCC	DIO_0
1 L	66	GPIO11	LED_VCC	SB3V	NC	45	GPIO41	RI4	3VCC	SRI4X	104	GPIO71	BUSY	3VCC	DIO_1
	67	GPIO12	IRTX/SCL	SB3V	SML1_CLK	46	GPIO42	CTS4	3VCC	SCTS4X	105	GPIO72	ACK	3VCC	DIO_2
	68	GPIO13	IRRX/SDA	SB3V	SML1_DATA	47	GPIO43	DTR4	3VCC	SDTR4X	106	GPIO73	SLIN	3VCC	DIO_3
	69	GPIO14	ATX_AT_TRAP	SB3V	ATX_AT_TRAP	48	GPIO44	RTS4	3VCC	SRTS4X	107	GPIO74	INIT	3VCC	DIO_4
	70	GPIO15	WDTRST#	SB3V	WDTRST#	49	GPIO45	DSR4	3VCC	SDSR4X	108	GPIO75	ERR	3VCC	DIO_5
	71	GPIO16	BEEP/SDA	SB3V	SIO_SPK	50	GPIO46	SOUT4	3VCC	STXD4X	109	GPIO76	AFD	3VCC	DIO_6
c [72	GPIO17	PECI	SB3V	H_PECI	51	GPIO47	SIN4	3VCC	SRXD4X	110	GPIO77	STB	3VCC	DIO_7
	76	GPIO20	ALBERT#/SCL3	SB3V	NC	9	GPIO50	RTS6	3VCC	SRTS6X	111	GPIO80	PD0	3VCC	NC
	77	GPIO21	ATXPG_IN	SB3V	ATXPG_IN	10	GPIO51	SIN6	3VCC	SRXD6X	112	GPIO81	PD1	3VCC	NC
	78	GPIO22	PWSIN#	SB3V	PANSWH#	11	GPIO52	SOUT6	3VCC	STXD6X	113	GPIO82	PD2	3VCC	NC
[79	GPIO23	PWSOUT#	SB3V	PM_PWRBTN#	12	GPIO53	DCD6	3VCC	SDCD6X	114	GPIO83	PD3	3VCC	NC
	80	GPIO24	S3#	SB3V	SLP_S3#	13	GPIO54	RI6	3VCC	SRI6X	115	GPIO84	PD4	3VCC	NC
4 L	81	GPIO25	PS_ON#	SB3V	PS_ON#	14	GPIO55	CTS6	3VCC	SCTS6X	116	GPIO85	PD5	3VCC	NC
	82	GPIO26	PWOK	VBAT	PWROK	15	GPIO56	DTR6	3VCC	SDTR6X	117	GPIO86	PD6	3VCC	WLAN_DIS2#
	83	GPIO27	RSMRST#	VBAT	RSMRST#	16	GPIO57	DSR6	3VCC	SDSR6X	118	GPIO87	PD7	3VCC	WLAN_DIS3#

PCH GPIO Pins:

Group	Name	Power Well Default		GPIO Function	
	GPP A0			KBRST	
	GPP A1			LPC_AD0	
	GPP A2	T		LPC AD1	
	GPP A3	T		LPC AD2	
	GPP A4	T		LPC AD3	
	GPP A5	T		LPC FRAME#	
	GPP A6	7		INT SERIRQ	
	GPP A7	1		PIRQA#	
	GPP A8	Primary Core		PM CLKRUN#	
Group A	GPP A9	1 '		PCH CLK LPC0	
	GPP A10	3.3V		CLK LPC1 R	
	GPP A11	7		LPC PME#	
	GPP A12	7			
	GPP A13	7		SUS WARN#	
	GPP A14	7		PM SUS STAT#	
	GPP A15	1		SUSACK#	
	GPP A16	7			
	GPP A17	7			
	GPP A18	7		H A20GATE	
	GPP A19~A23				
	GPP B0~B7				
	GPP B8	T .		CLK PCIE LAN4 REQ#	
	GPP B9	T .			
	GPP B10	T .			
Group B	GPP B11	Primary Core			
	GPP B12	T '			
	GPP B13	3.3V		PLT RST#	
	GPP B14	T		HDA SPKR	
	GPP B15~B21	T .		BOOT BIOS STRAP	
	GPP B22	T .		SML1 ALERT#	
	GPP C0			SMB CLK	
	GPP C1	T .		SMB DATA	
	GPP C2	T .		SMB ALERT#	
Group C	GPP C3	T .		SML0 CLK	
	GPP C4	Primary Core		SML0 DATA	
	GPP C5	т :		SML0 ALERT#	
	GPP C6	3.3V		SML1 CLK	
	GPP C7	T		SML1 DATA	
	GPP C8~C15	T			
	GPP C16	T		IZCO SDA	
	GPP C17	T		IZCO SCL	
	GPP C18~C23	1		_	

Group D	GPP D0~8		
Group D			
Group D	GPP D9		
Group D	GPP D10	Deep Sleep Power	
	GPP D11		
	GPP_D12	3.3V	
	GPP_D13~16		
	GPP D17~D23		
	GPP E0~2		SATAGP0~SATAGP2
	GPP_E4		
	GPP_E5		
	GPP_E6~7		
Group E	GPP E8	_	SATA_LED#
	GPP E9	_	USB_OC#_0
	GPP E10	_	USB OC# 1
	GPP E11 GPP E12		USB OC# 2
	GPP E12		USB OC# 3 SATAGP3
	GPP FIS		USB OC# 4
	GPP F15		USB OC# 5
-	GPP F16	_	USB OC# 6
Group F	GPP F17	_	USB OC# 7
Group	GPP F19	Primary Core	 U3B UC# /
- 1	GPP F20	Filliary Cole	
	GPP F21	3.3V	
	GPP F22~23		
Group G	GPP G0~8		
	GPP H0~2		
Group H	GPP H3		CLK PCIE MINI REQ#1
Group H	GPP H4		CLK PCIE MINI REQ#2
	GPP H5~H23		
	GPP_I0		DPB_HPD
	GPP_I1		DPC HPD
	GPP 12		DPD HPD
	GPP_I3		DPE_HPD
	GPP_I4		EDP_HPD
	GPP_I5		DPB_CTRLCLK
	GPP 16	_	DPB CTRLDATA
	GPP I7	_	 DPC CTRLCLK
Group I		_	DPC CTRLDATA
	GPP I9 GPP I10	_	DPD CTRLCLK DPD CTRLDATA

Group	Name	Power Well	Default	GPIO Function
	GPP J0			
	GPP J1	_		CPU VCCIO PWR GATEB
	GPP J2			
	GPP J3			
	GPP J4			GPP J4
Group J	GPP J5	Primary Core		
Group 3	GPP J6	Filliary Cole		
	GPP J7	1.8V		
	GPP J8			
	GPP J9			GPP J9
	GPP J10	7		
	GPP J11			
Group K	GPP K0~K23			
	GPD0			PM BATLOW#
	GPD1			AC PRESENT
	GPD2			LAN WAKE#
	GPD3			PM PWRBTN#
	GPD4	Primary Core		SLP S3#
	GPD5	3.3V		SLP S4#
GPD	GPD6	3.34		PCH SLP A N
GPD	GPD7	7		GPP D USB WAKEOUT
	GPD8	7		SUS CLK
	GPD9	7		
	GPD10	7		SLP S5#
	GPD11	7		PM LAN1PHY ENABLE









