

# Schematic Review Form

Customer/Project

Pin #	Name	Info	Violations	Description
1	VDD			1.1V SUPPLY
2	SCL			FOR I2C SCL/SMBCLK
3	SDA			FOR I2C SDA/SMBDATA
4	PWRCTL1/BATEN1		remove R3	POWERSWITCH CONTROL OR BATTERY ENABLE FOR PORT 1
5	OVERCUR1Z			OVERCURRENT FOR PORT1
6	PWRCTL2/BATEN2		remove R4	POWERSWITCH CONTROL OR BATTERY ENABLE FOR PORT 1
7	VDD33			3.3V SUPPLY
8	OVERCUR2Z			OVERCURRENT FOR PORT2

9	USB_VBUS				USB upstream port power monitor. NEED 90K/10K DIVIDER
10	TEST				FOR TEST PURPOSE, NEED TO PULLDOWN TO Gnd
11	GRSTZ				Global power reset
12	VDD				1.1V SUPPLY
13	VDD33				3.3V SUPPLY
14	USB_DP_DN2				DN FOR DOWNSTREAM PORT 2
15	USB_DP_DP2				DP FOR DOWNSTREAM PORT 2
16	RSVD				Reserved
17	RSVD				Reserved
18	VDD				1.1V SUPPLY

19	RSVD				Reserved
20	RSVD				Reserved
21	PWRCTL_POL				Power control polarity 0 = PWRCTL polarity is active high. 1 = PWRCTL polarity is active low
22	SMBUSz				0 = SMBus mode selected 1 = I2C mode selected
23	VDD33				3.3V SUPPLY
24	USB_R1				Precision resistor reference. A 9.53-k $\Omega$ $\pm$ 1% resistor should be connected between USB_R1 and GND
25	VDD33				3.3V SUPPLY
26	USB_DP_UP				DP FOR UPSTREAM PORT
27	USB_DM_UP				DM FOR UPSTREAM PORT
28	RSVD				Reserved

29	RSVD				Reserved
30	VDD				1.1V SUPPLY
31	RSVD				Reserved
32	RSVD				Reserved
33	VDD33				3.3V SUPPLY
34	VDD				1.1V SUPPLY
35	GANGED/SMBA2/ HS_UP				Ganged operation enable/SMBus address bit 2/ high-speed status for upstream port 0 = Individual power control supported when power switching is enabled. 1 = Power control gangs supported when power switching is enabled
36	FULLPWRMGMTz/ SMBA1				Full power management enable/ SMBus Address bit 1 0 = Power switching supported 1 = Power switching not supported
37	VDD33				3.3V SUPPLY

38	XI				Crystal input	
39	X0				Crystal OUTPUT	
40	VDD33				3.3V SUPPLY	
41	USB_DP_DN1				DP FOR DOWNSTREAM PORT1	
42	USB_DM_DN1				DN FOR DOWNSTREAM PORT1	
43	RSVD				Reserved	
44	RSVD				Reserved	
45	VDD				1.1V SUPPLY	
46	RSVD				Reserved	
47	RSVD				Reserved	

48	VDD33				3.3V SUPPLY
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Comments