

1. Power supply selection (Note: * default setting)

POWER SOURCE

	CN44
DC 5V	1-2
USB VBUS	2-3 *
JTAG V-SUPPLY	Open

VCC SELECTION

	CN43	CN45	CN46	CN47	CN48
3.3V	2-3 *	1-2 *	1-2 *	1-2 *	1-2 *
5V	2-3	2-3	2-3	1-2	1-2
JTAG V-supply	1-2	1-2	1-2	1-2	1-2

Note: CN46 should be OPEN when USB-less FM3 is used.

2. Switch, Jumper Pin Settings (Note: * default setting)

	FUNCTION	SETTING	ACTION
SW1	RESET	PUSH ON	RESET
		PUSH OFF	NOT RESET
SW2	MD0	1-2	HIGH
		2-3 *	LOW
SW3	MD1	1-2	HIGH
		2-3 *	LOW
SW7	FM3 USB SELECTION	5-6 2-3	USB HOST
		4-5 * 1-2 *	USB DEVICE
CN22 CN23	CAN TRANSCEIVER MODE CONTROL	CN22 1-2 * CN23 OPEN *	STANBY MODE
		CN22 OPEN CN23 1-2	HI-SPEED MODE
CN24	TX0_0 (CAN TX)	1-2	CONNECT TO CAN TRANSCEIVER
		2-3 *	OPEN
CN26	RX0_0(CAN RX)	1-2	CONNECT TO CAN TRANSCEIVER
		2-3 *	OPEN
CN27	CAN RX and TX CONNECTION	1-2	SHORT
		2-3 *	OPEN
CN28	SOT0_0 (UART TX)	1-2	CONNECT TO RS TRANSCEIVER
		2-3 *	OPEN
CN29	SIN0_0 (UART RX)	1-2	CONNECT TO RS TRANSCEIVER
		2-3 *	OPEN
CN31	UDPO (USB D+)	1-2	CONNECT TO USB CONNECTOR
		2-3 *	GND

CN32	UDP1 (USB D-)	1-2	CONNECT TO USB CONNECTOR
		2-3 *	GND
CN33	P0B	1-2	CONNECT TO VBUS CONTROL IC FLG
		2-3 *	OPEN
CN34	POC	1-2	CONNECT TO VBUS CONTROL IC EN
		2-3 *	OPEN
CN35	P61	1-2	CONNECT TO USB D+ PULL-UP CONTROL
		2-3 *	OPEN
CN36	TEST CONNECTOR	1-2 *	ALWAYS SET THIS
		2-3	DO NOT SET THIS
CN37	P60 (USB CONN. DET.)	1-2	CONNECT TO USB VBUS
		2-3 *	OPEN
CN38	TEST CONNECTOR	N/A	DO NOT SET THIS CONNECTOR
CN39	TEST CONNECTOR	N/A	DO NOT SET THIS CONNECTOR
CN40	TDO	1-2 *	PULL-UP
		2-3	N/A
CN41	TCK	1-2 *	PULL-UP
		2-3	PULL-DOWN
CN42	XTRST	1-2 *	PULL-UP
		2-3	N/A
JP1	TEST CONNECTOR	N/A	DO NOT SET THIS CONNECTOR
JP2	AVRH	1-2 *	CONNECT TO AVCC

Revision history:
2012/06/07 Initial revision

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The following precautions apply to the product described in this manual.

Before moving the product, be sure to turn off all the power supplies and unplug the cables. Watch your step when carrying the product. Do not use the product in an unstable location such as a place exposed to strong vibration or a sloping surface.

Do not place anything on the product or expose the product to physical shocks. Do not carry the product after the power has been turned on. Doing so may cause a malfunction due to overloading or shock.

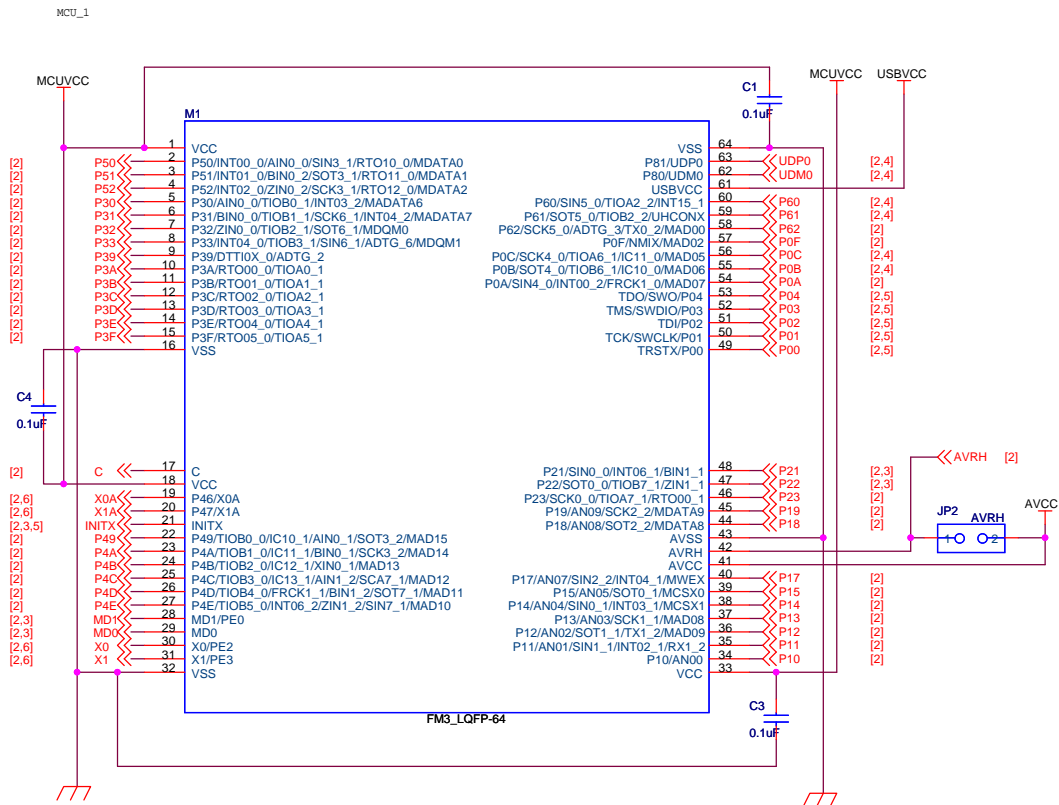
Since the product contains many electronic components, keep it away from direct sunlight, high temperature, and high humidity to prevent condensation. Do not use or store the product where it is exposed to much dust or a strong magnetic or electric field for an extended period of time. Inappropriate operating or storage environments may cause a fault.

Use the product within the ranges given in the specifications. Operation over the specified ranges may cause a fault.

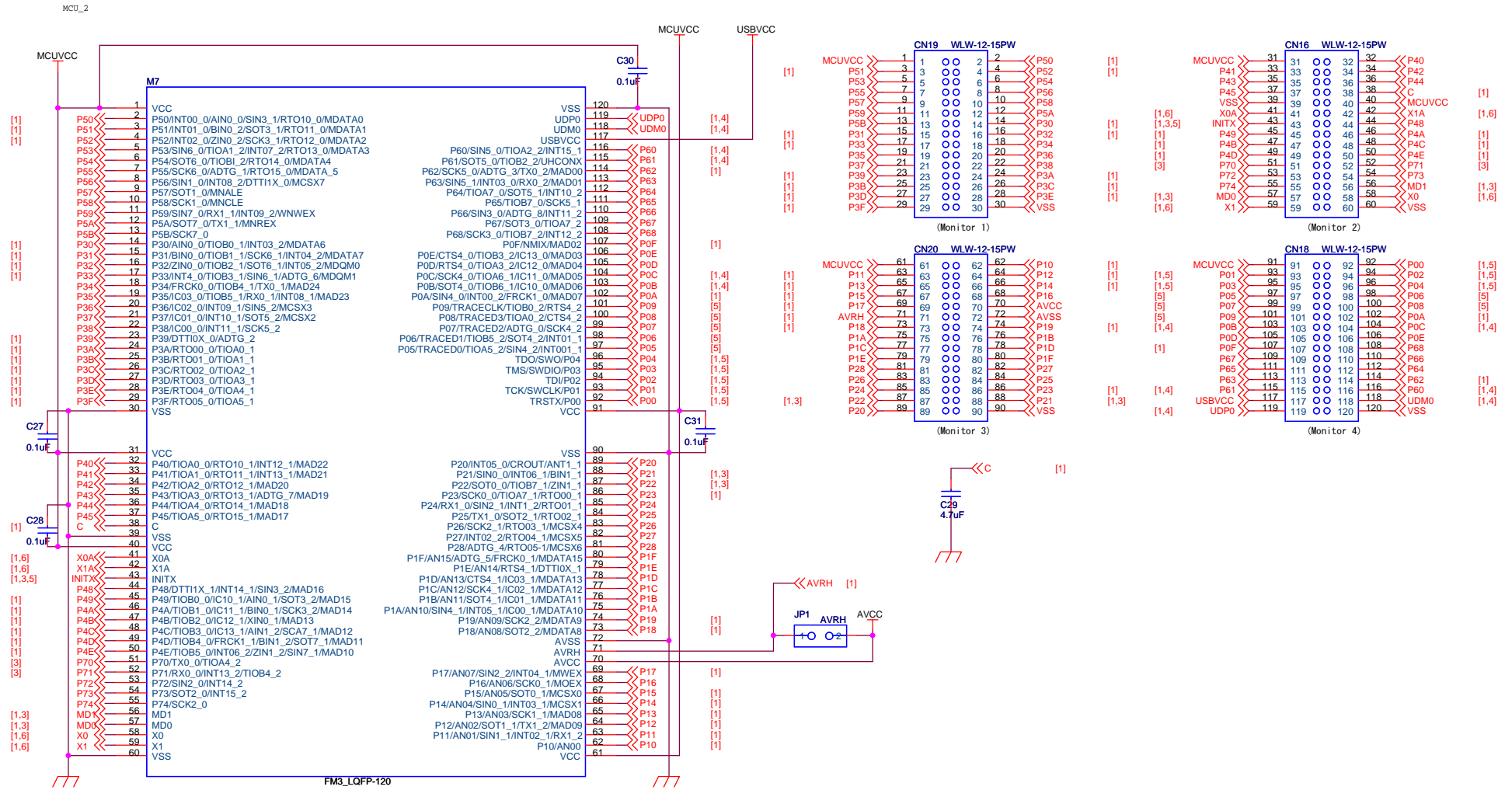
To prevent electrostatic breakdown, do not let your finger or other object come into contact with the metal parts of any of the connectors. Before handling the product, touch a metal object (such as a door knob) to discharge any static electricity from your body.

Always turn the power off before connecting or disconnecting any cables from the product. When unplugging a cable, unplug the cable by holding the connector part without pulling on the cable itself. Pulling the cable itself or bending it may expose or disconnect the cable core, resulting in a fault.

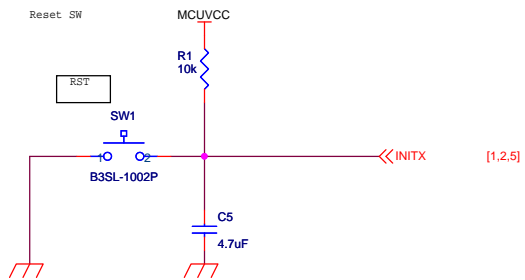
It is recommended that it be stored in the original packaging. Transporting the product may cause a damage or fault. Therefore, keep the packaging materials and use them when re-shipping the product.



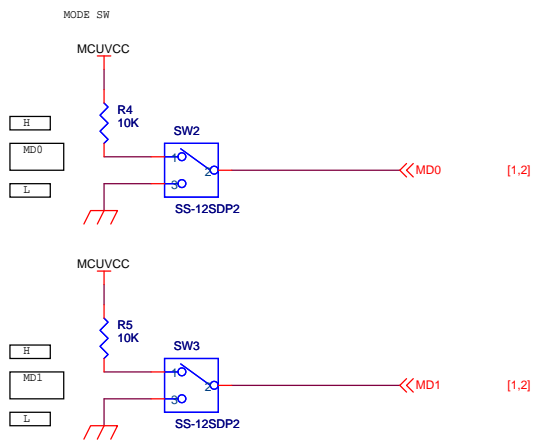
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							Draw.No.					
Ed.	Date	Desig.	Check	Appr.	Description							
Desig.				Check	Appr.							
							Fujitsu Semiconductor Limited		Sheet	1	/	6



							Title		FM3 Evaluation Board (LOFP-64/LOFP-120)		
									LQFP-120		
							Draw.No.				
Ed.	Date	Desig.	Check	Appr.	Description						
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							Sheet	2	/ 6		



[1,2,5]

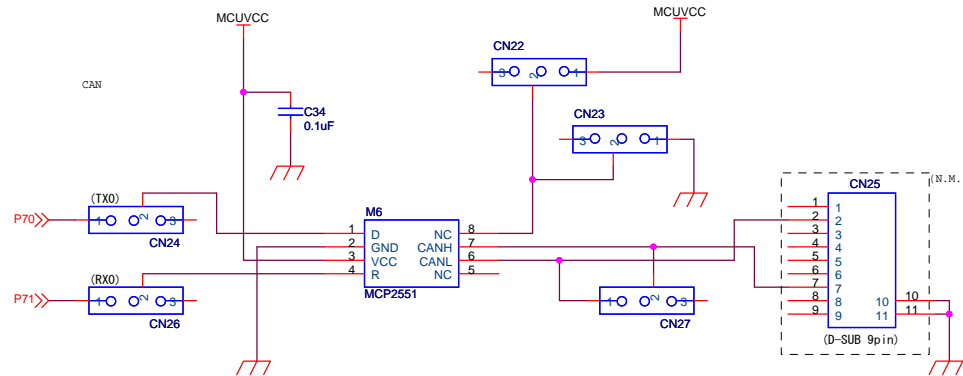


[1,2]

[1,2]

[2]

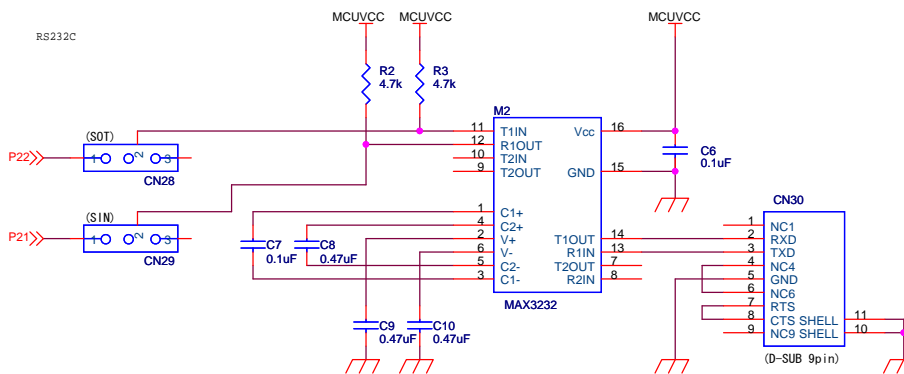
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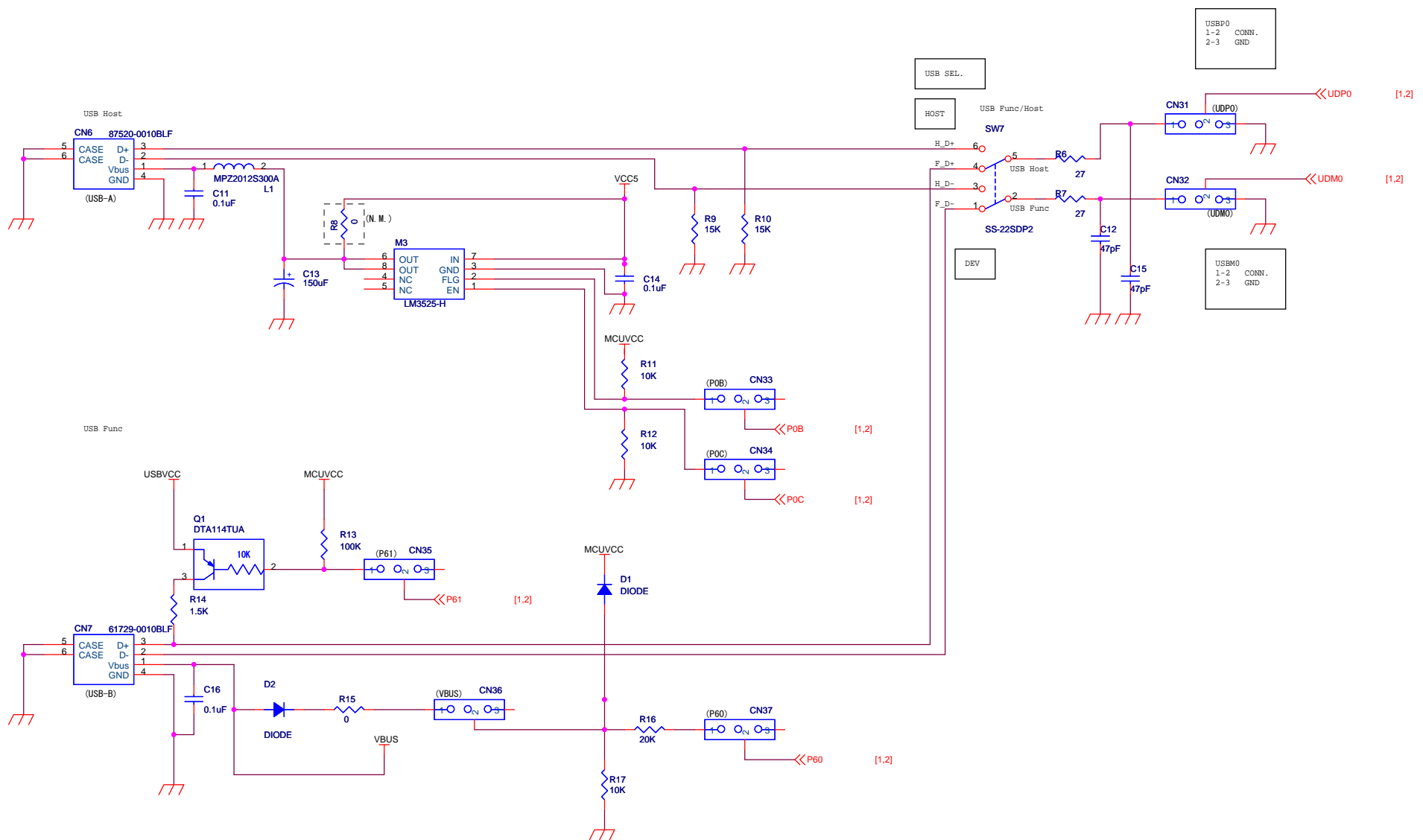
RS232C

[1,2]

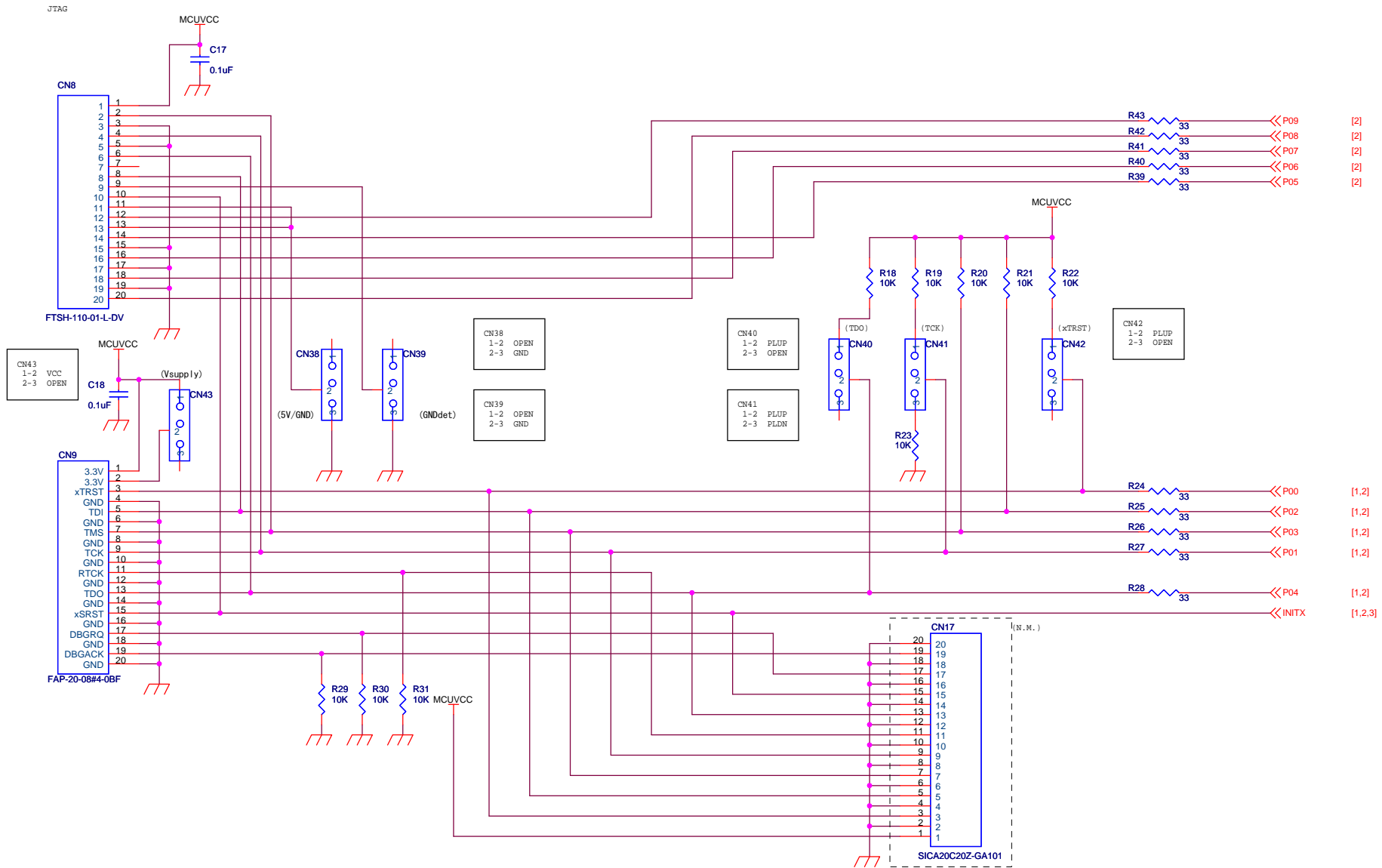
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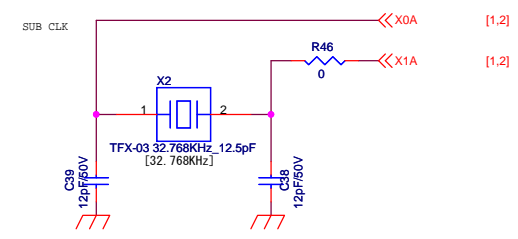
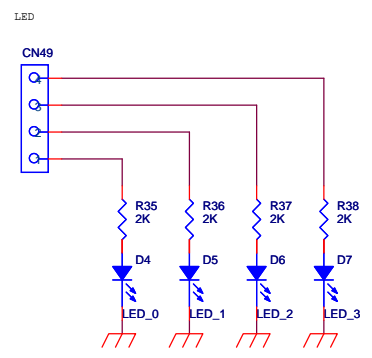
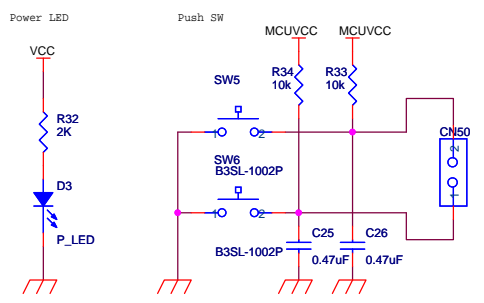
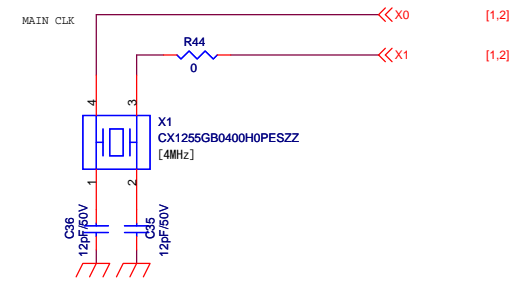
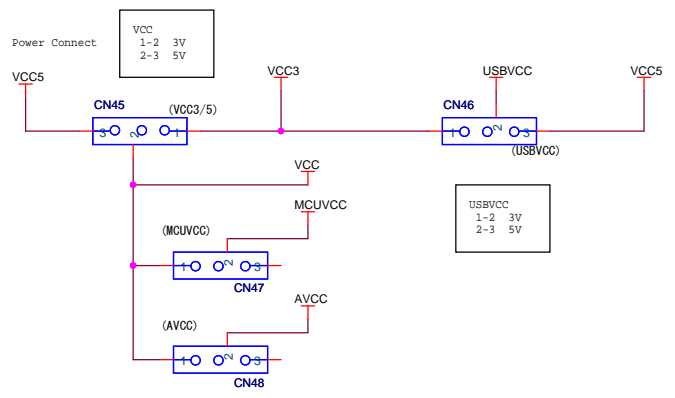
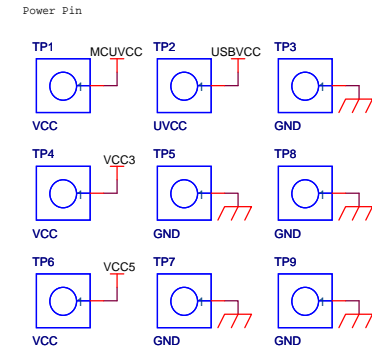
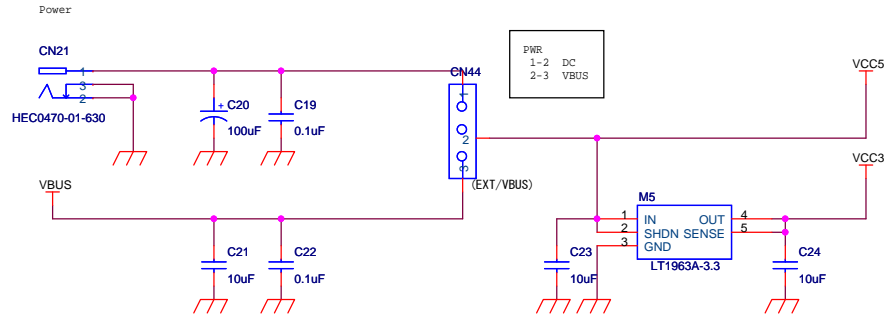
					Title		FM3 Evaluation Board (LOFP-64/LOFP-120)	
					MODE,RESET,CAN,RS232C			
					Draw.No.			
Ed.	Date	Desig.	Check	Appr.	Description			
				Check	Appr.			
					Fujitsu Semiconductor Limited		Sheet	3 / 6



					Title		FM3 Evaluation Board (LOFP-64/LOFP-120)	
							USB	
					Draw.No.			
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							Fujitsu Semiconductor Limited	Sheet 4 / 6



					Title		FM3 Evaluation Board (LOFP-64/LOFP-120)	
					JTAG			
					Draw.No.			
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							Fujitsu Semiconductor Limited	Sheet 5 / 6



					Title		FM3 Evaluation Board (LOFP-64/LOFP-120)	
					Description		POWER_LED,SWITCH,CLOCK	
					Draw.No.			
Ed.	Date	Desig.	Check	Appr.	Description			
Desig.			Check	Appr.				
							Fujitsu Semiconductor Limited	Sheet 6 / 6

中華人民共和國「電子情報製品污染防止管理弁法」の対応

Compliance with Administration on the Control of Pollution Caused by Electronic Information Products of the People's Republic of China

电子信息产品污染控制管理办法（第 39 号）



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产品中有毒有害物质或元素的名称及含量

部件名称	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr(VI))	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
印刷线路板	×	○	○	○	○	○
○：表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 规定的限量要求以下。 ×：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 规定的限量要求。						