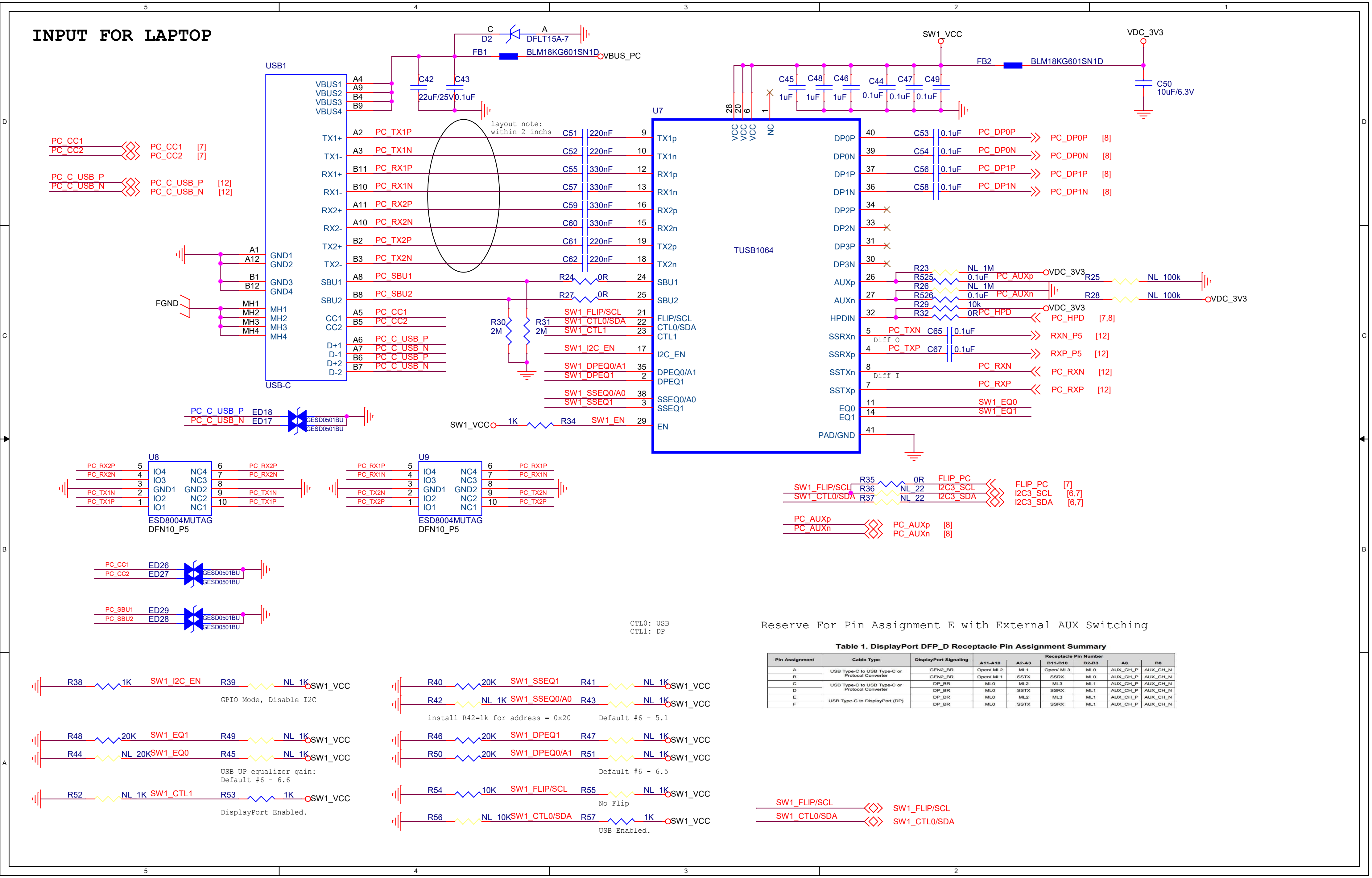
INPUT FOR LAPTOP

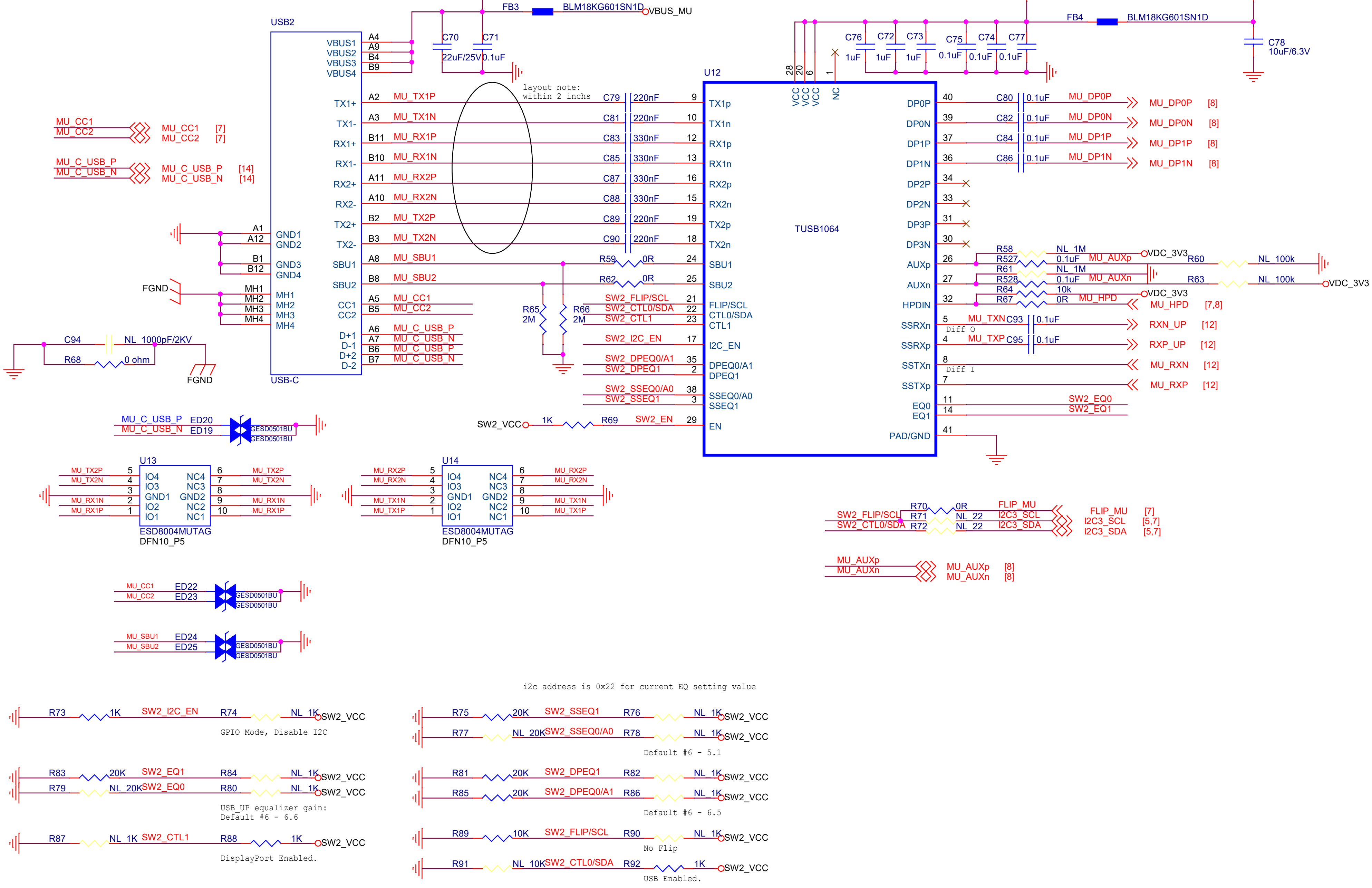


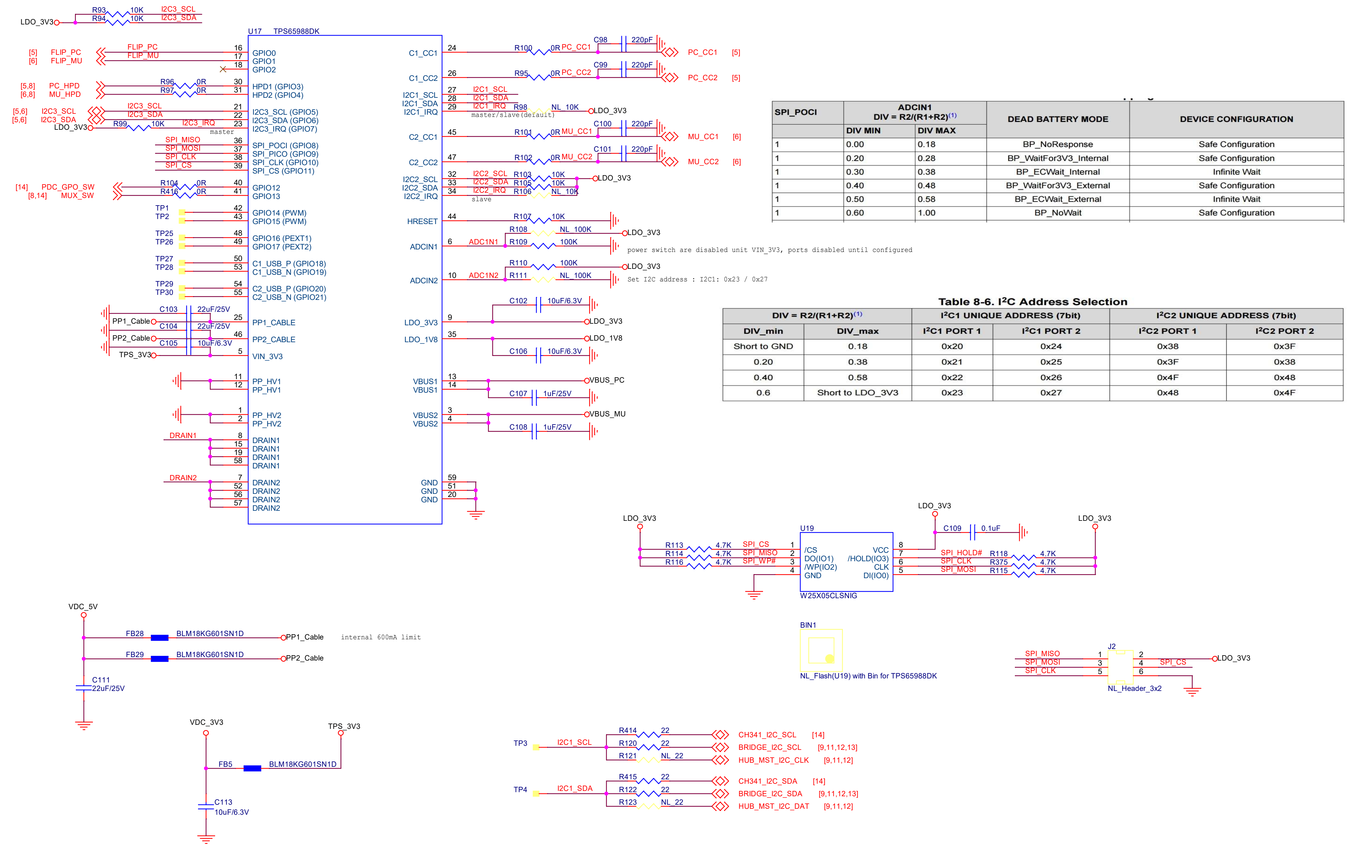
Reserve For Pin Assignment E with External AUX Switching

Table 1. DisplayPort DFP_D Receptacle Pin Assignment Summary

Pin Assignment	Cable Type	DisplayPort Signaling	Receptacle Pin Number					
			A11-A10	A2-A3	B11-B10	B2-B3	A8	B8
A	USB Type-C to USB Type-C or Protocol Converter	GEN2_BR	Open/ ML2	ML1	Open/ ML3	ML0	AUX_CH_P	AUX_CH_N
B		GEN2_BR	Open/ ML1	SSTX	SSRX	ML0	AUX_CH_P	AUX_CH_N
C	USB Type-C to USB Type-C or Protocol Converter	DP_BR	ML0	ML2	ML3	ML1	AUX_CH_P	AUX_CH_N
D		DP_BR	ML0	SSTX	SSRX	ML1	AUX_CH_P	AUX_CH_N
E	USB Type-C to DisplayPort (DP)	DP_BR	ML0	ML2	ML3	ML1	AUX_CH_P	AUX_CH_N
F		DP_BR	ML0	SSTX	SSRX	ML1	AUX_CH_P	AUX_CH_N

INPUT FOR Meeting Computer Unit



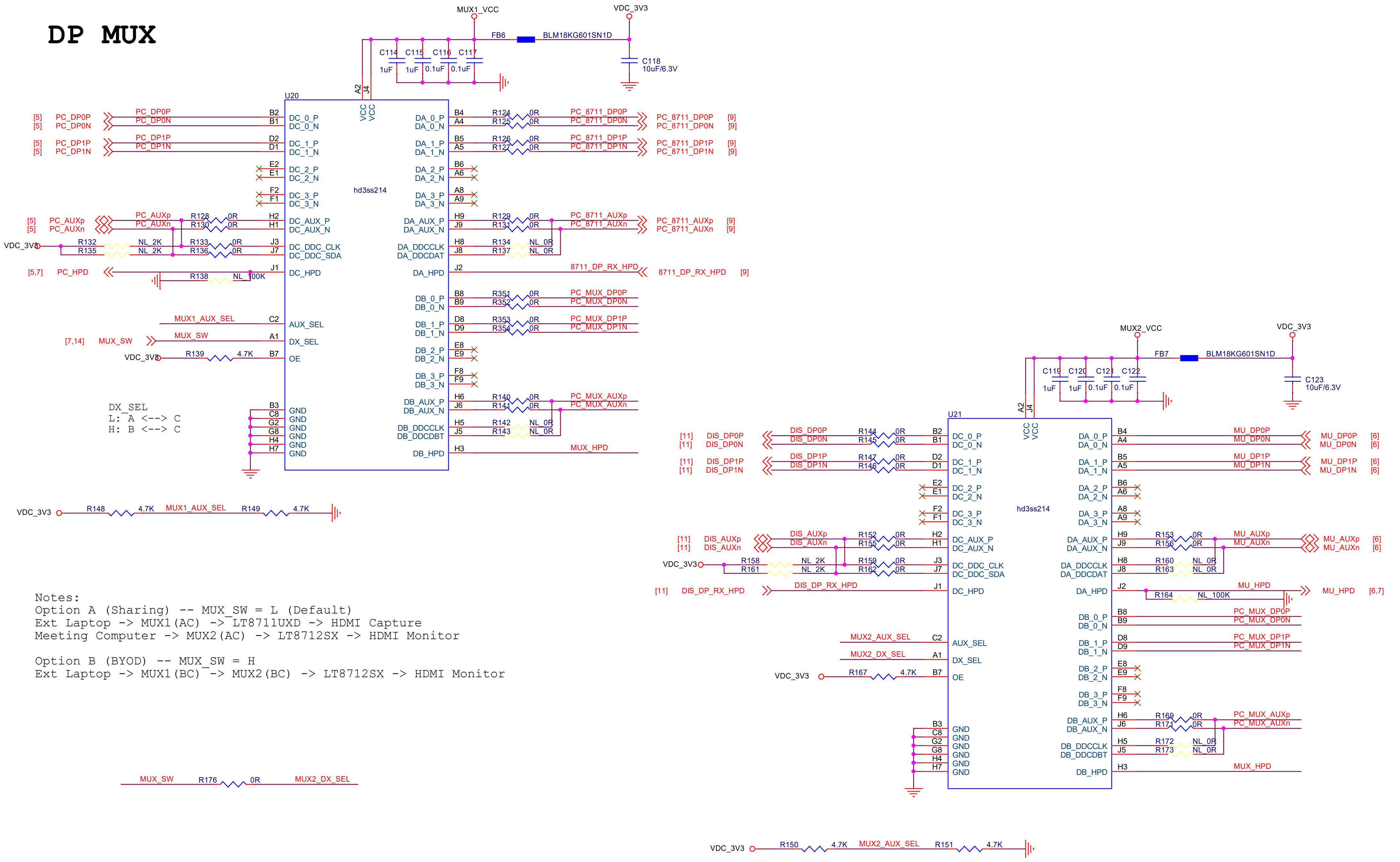


SPI_POCI	ADCIN1 DIV = R2/(R1+R2)(1)		DEAD BATTERY MODE	DEVICE CONFIGURATION
	DIV MIN	DIV MAX		
1	0.00	0.18	BP_NoResponse	Safe Configuration
1	0.20	0.28	BP_WaitFor3V3_Internal	Safe Configuration
1	0.30	0.38	BP_ECWait_Internal	Infinite Wait
1	0.40	0.48	BP_WaitFor3V3_External	Safe Configuration
1	0.50	0.58	BP_ECWait_External	Infinite Wait
1	0.60	1.00	BP_NoWait	Safe Configuration

Table 8-6. I²C Address Selection

DIV = R2/(R1+R2)(1)		I²C1 UNIQUE ADDRESS (7bit)		I²C2 UNIQUE ADDRESS (7bit)	
DIV_min	DIV_max	I²C1 PORT 1	I²C1 PORT 2	I²C2 PORT 1	I²C2 PORT 2
Short to GND	0.18	0x20	0x24	0x38	0x3F
0.20	0.38	0x21	0x25	0x3F	0x38
0.40	0.58	0x22	0x26	0x4F	0x48
0.6	Short to LDO_3V3	0x23	0x27	0x48	0x4F

DP MUX



Notes:
Option A (Sharing) -- MUX_SW = L (Default)
Ext Laptop -> MUX1(AC) -> LT8711UXD -> HDMI Capture
Meeting Computer -> MUX2(AC) -> LT8712SX -> HDMI Monitor

Option B (BYOD) -- MUX_SW = H
Ext Laptop -> MUX1(BC) -> MUX2(BC) -> LT8712SX -> HDMI Monitor