

PD_JZ4775_S2513B-15M Schematic Revision 1.2





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Schematic Description:

I. Net identify explanation :

1. The red net identify is fixed-function net ,
to confirm all the function , It can not be modify
2. The blue net identify is I/O function net ,
to confirm the software consistency , not
recommanded to change

II. Impedance explanation: the color of net should be control the impedance in the layout and manufacture accord to the following identification

Differential pairs Z0= 100 ohm	Differential pairs Z0= 90 ohm	Equilong BUS Z0= 50 ohm	RF Microstrip Z0= 50 ohm
			

III. PCB Layout about the trace width and surround with gnd explaction: it should be control in PCB Layout accord to the following identification

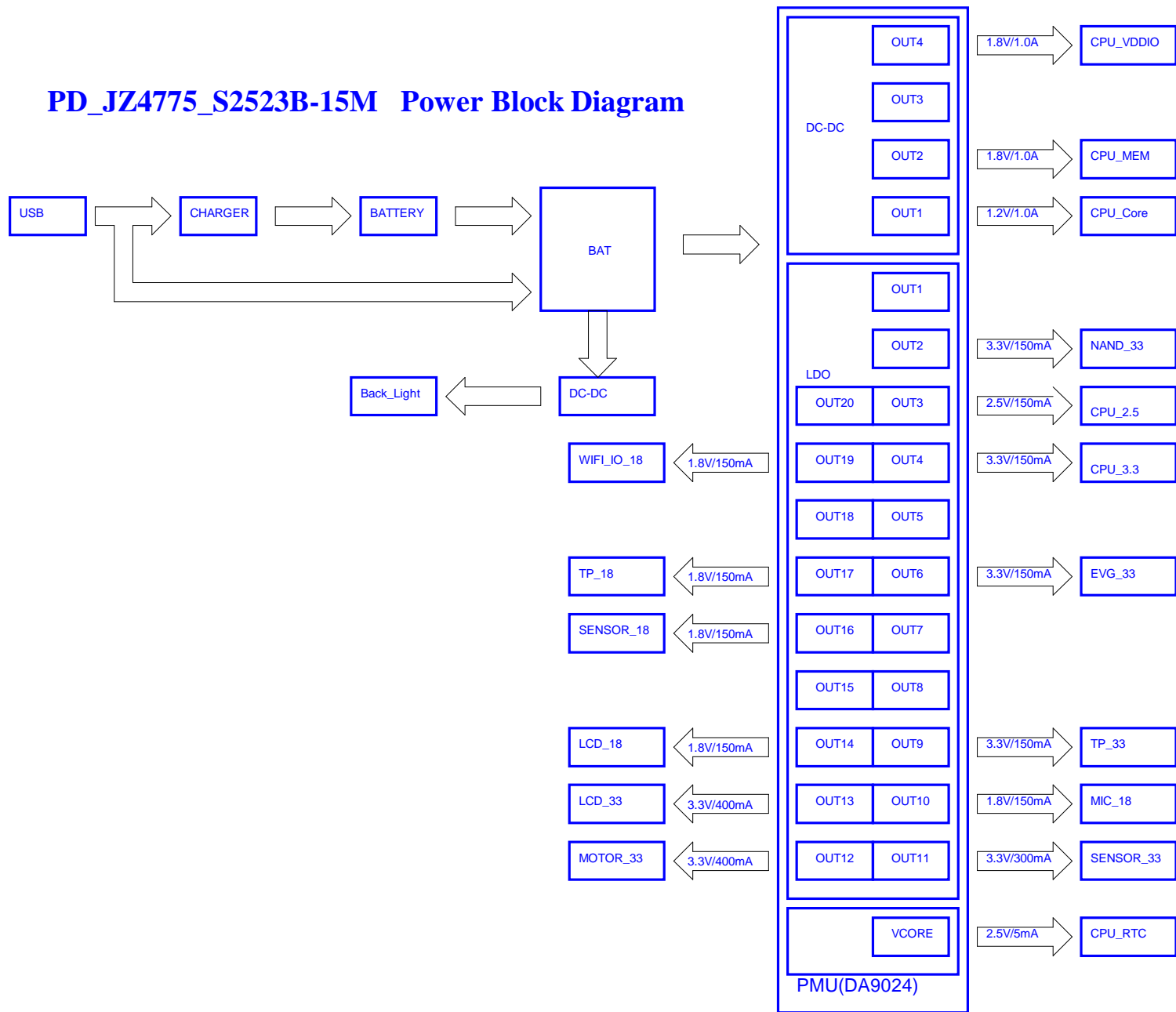
W>20mil	W>40mil	Surround with Gnd
		

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A3	Cover	V1.2
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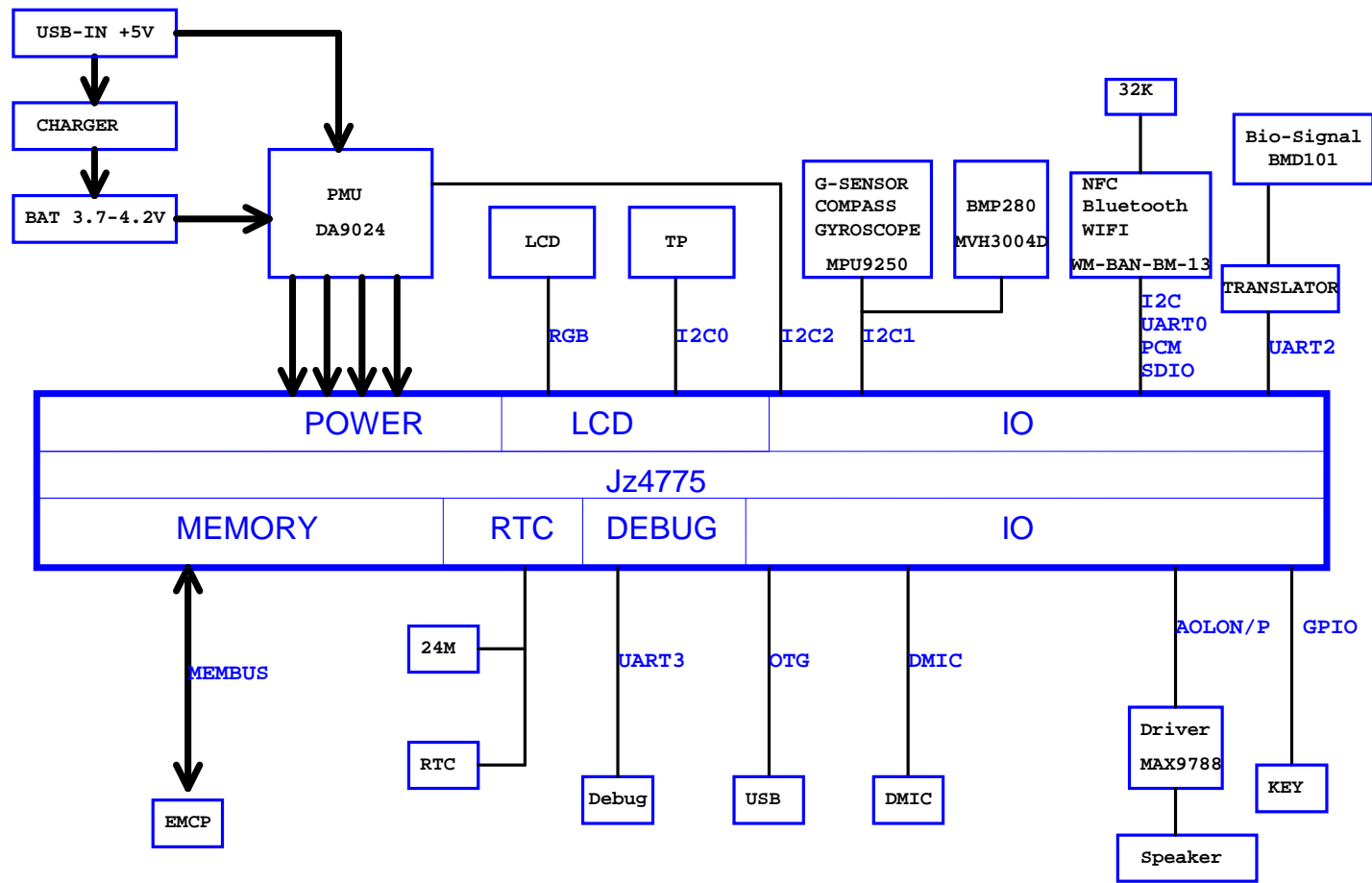
5					4					3					2					1				
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PD_JZ4775_S2523B-15M Power Block Diagram

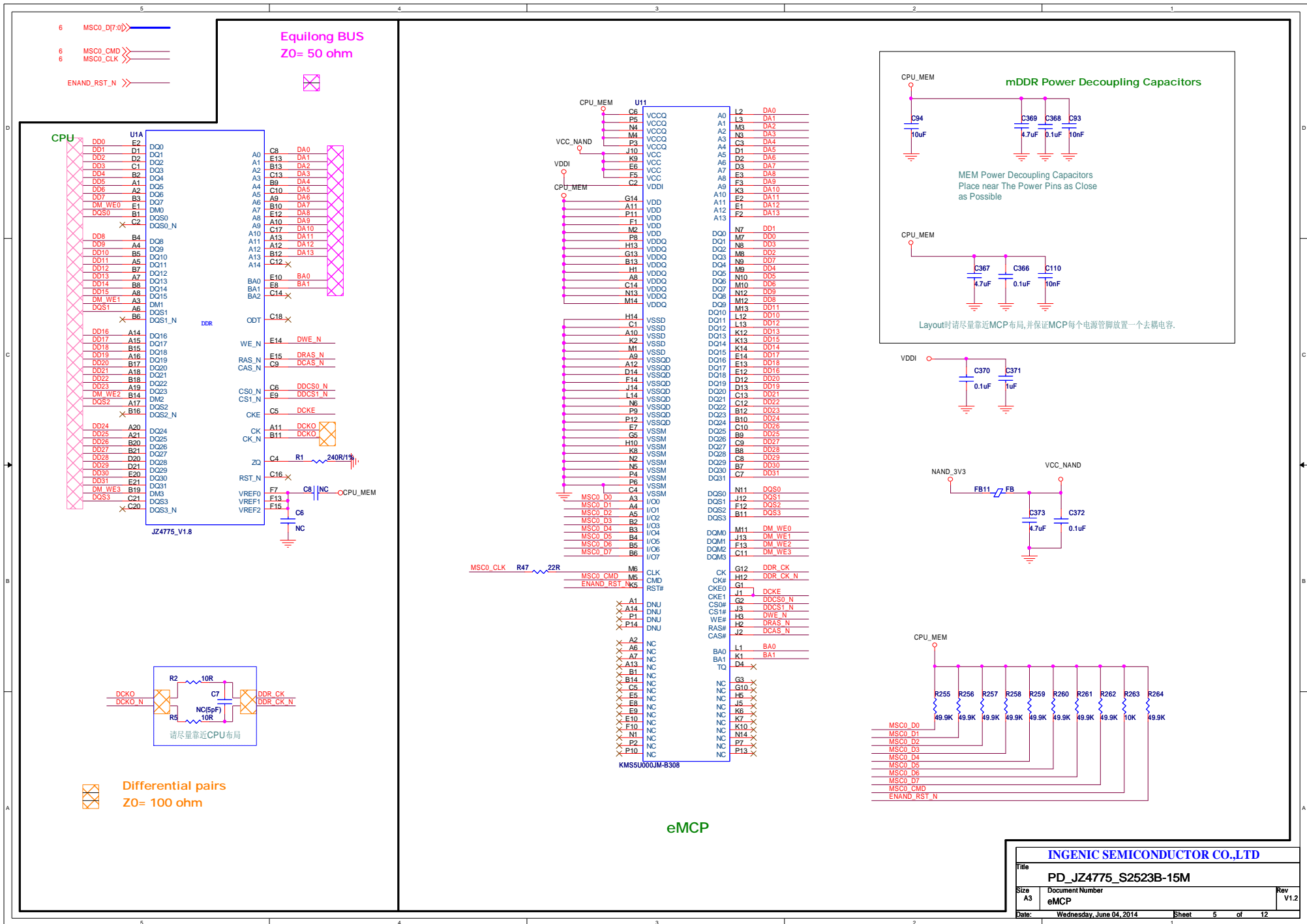


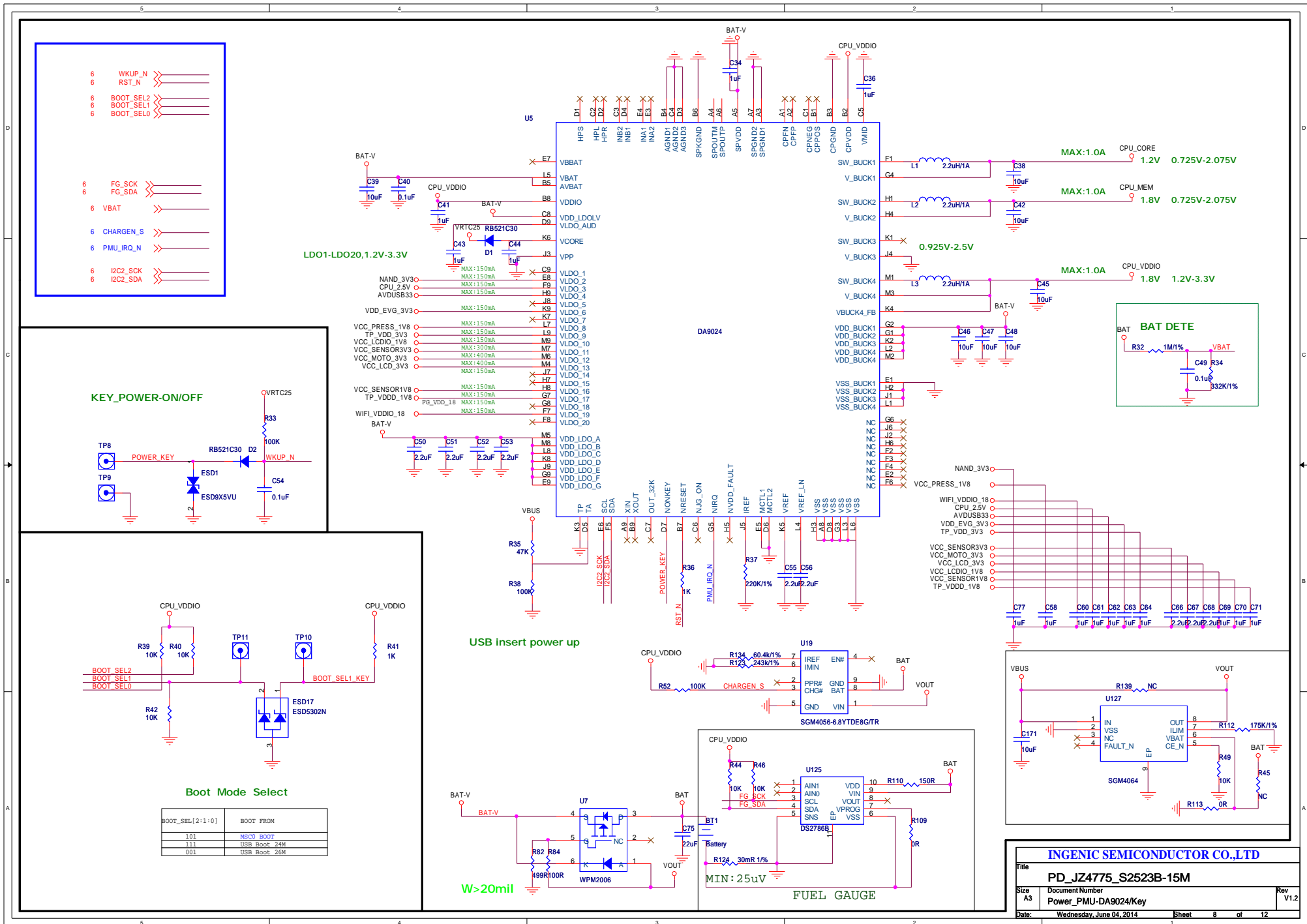
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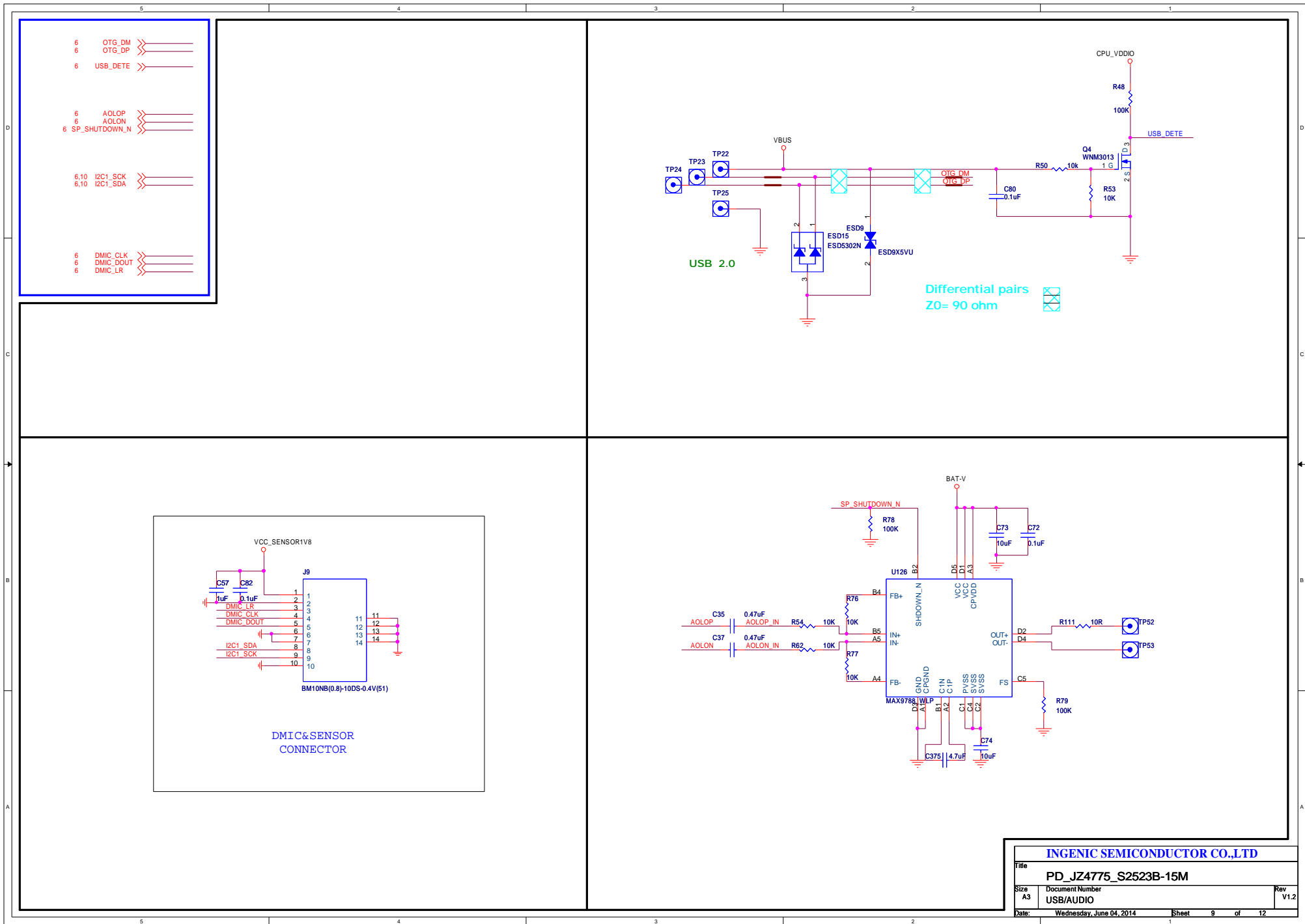
PD_JZ4775_S2523B-15M System Block Diagram



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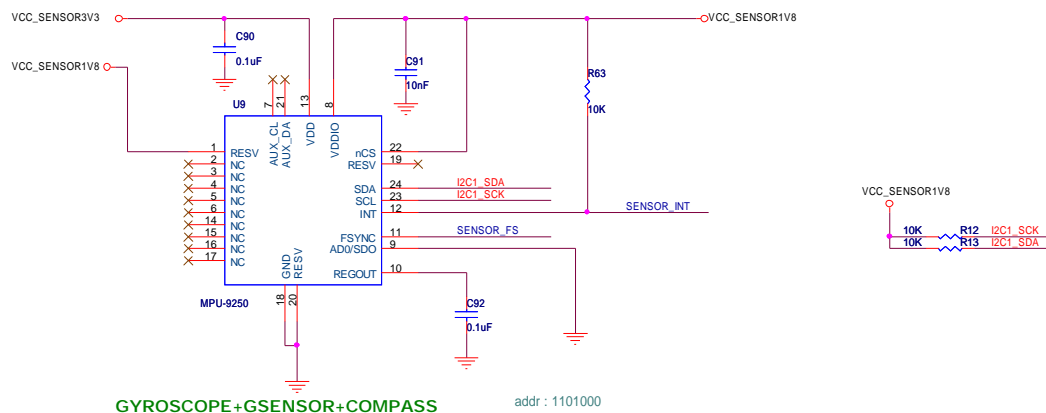






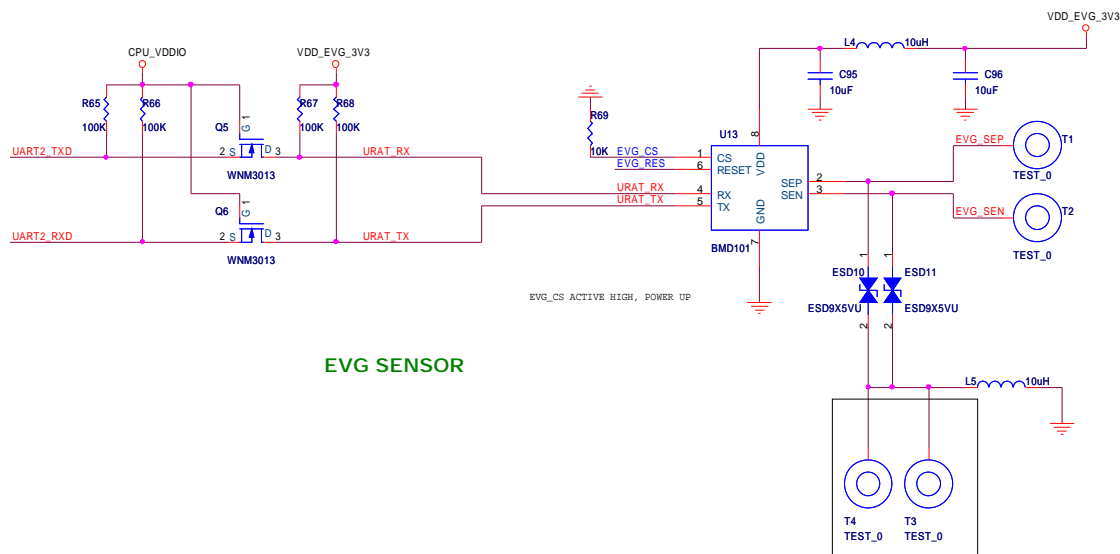
Gyroscope : 3.2mA / 8uA
Accelerometer: 450uA / 8uA
Magnetometer : 280uA / NO Parameter

6 SENSOR_FS >>
6 SENSOR_INT >>
6,9 I2C1_SCK >>
6,9 I2C1_SDA >>
6 EVG_CS >>
6 EVG_RES >>
6 UART2_TXD >>
6 UART2_RXD >>

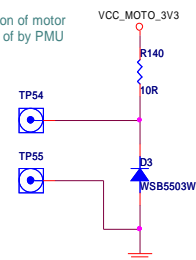


NOT SURE
Normal : 22.5uA
Pwrdown: 0.5uA

Normal : 24.4uA
Pwrdown: 0.6uA



Accord to the specification of motor
to select the voltage out of by PMU



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