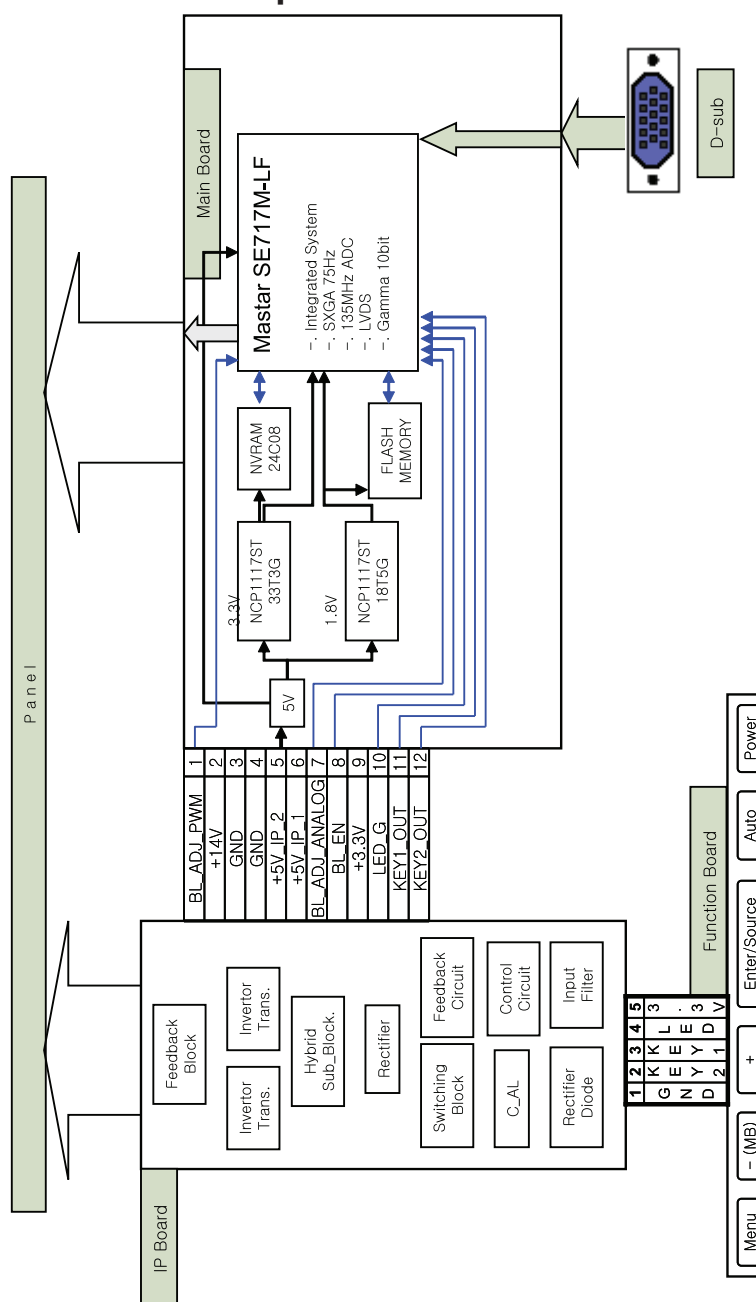


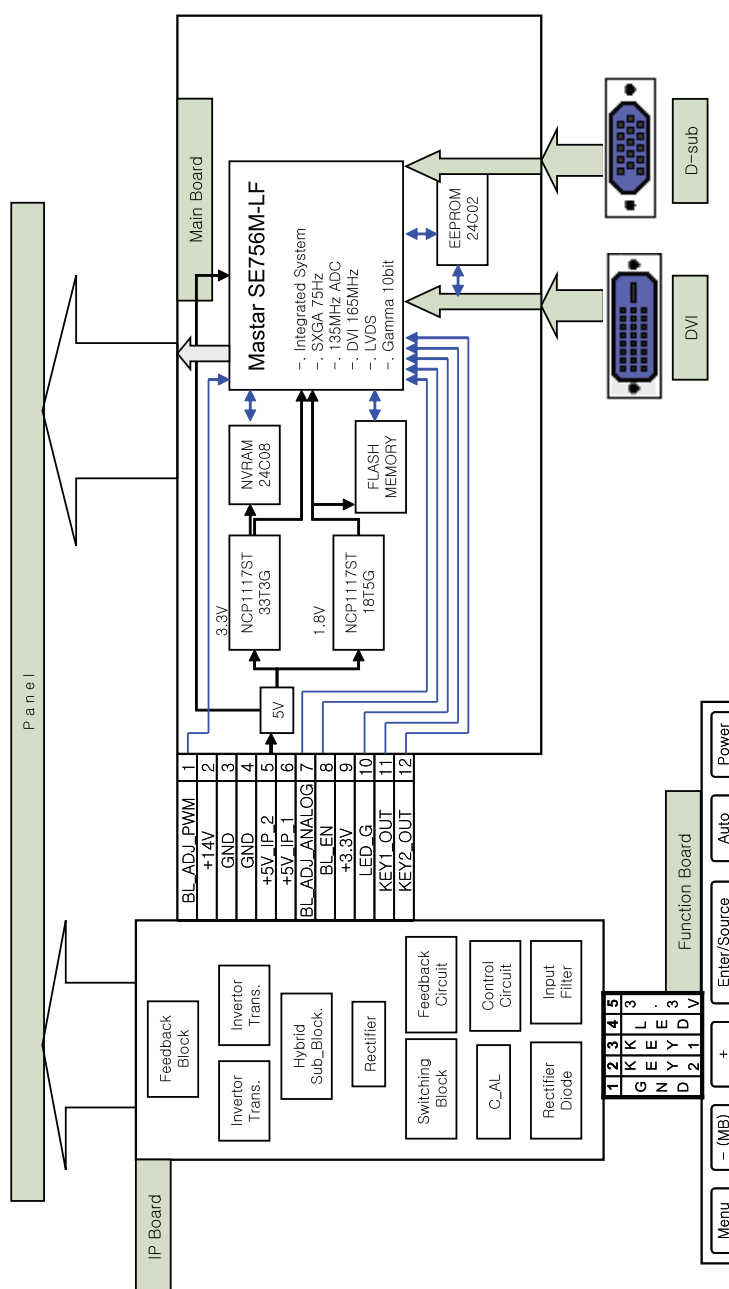
7. Schematic Diagram

7-1. 743N/943N -Circuit Descriptions



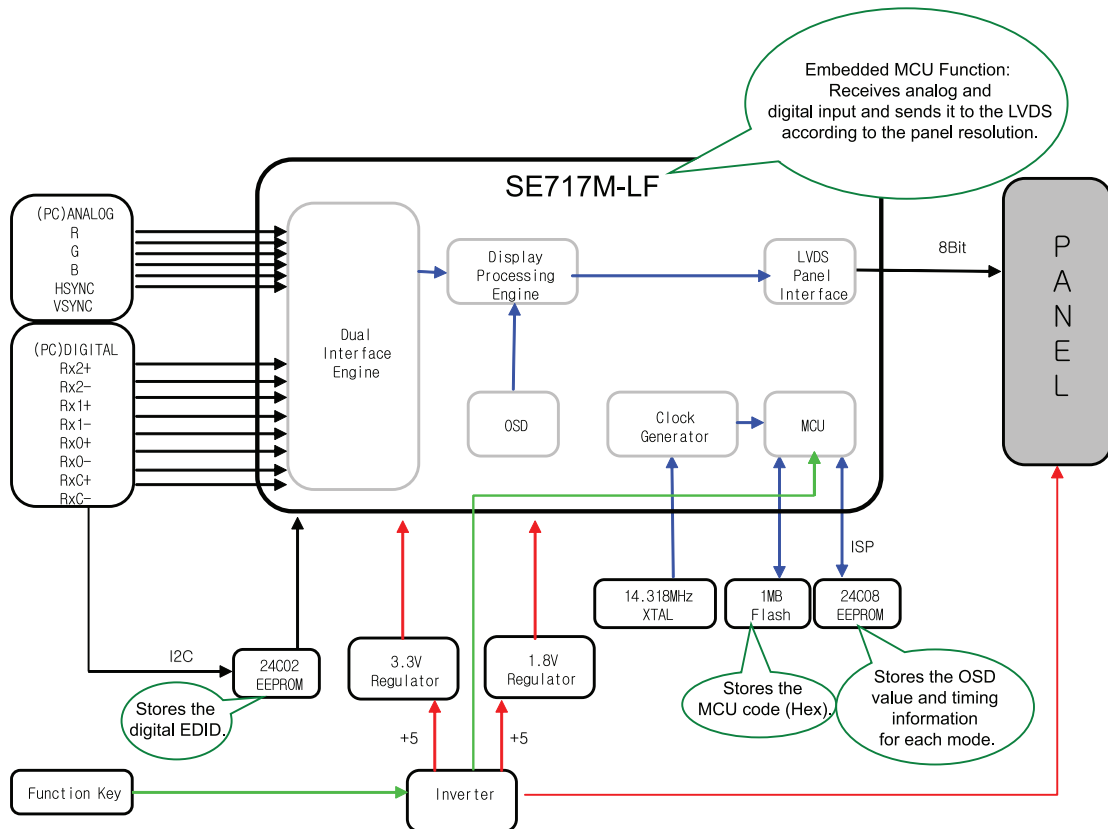
Location	Function	Remark
Scaler IC200	Besides the ADC, LVDS, and scaling part, an MCU is embedded as well. All of them are integrated into one chip.	743N / 943N : SE717M-LF
Flash Memory IC201	Stores the MCU program embedded in the scaler. It is of a flash type and rewritable.	MX25L1005
IC203	Stores the OSD and various timing values.	24C08
IC202	The memory to which DIGITAL DDC data is input	24C02
Regulator	An IC that receives DC voltage inputs. It is used in circuits that stabilize the DC voltage.	NCP117DT18T5G APL1117-33VC

7-1-1. 743B/943B -Circuit Descriptions

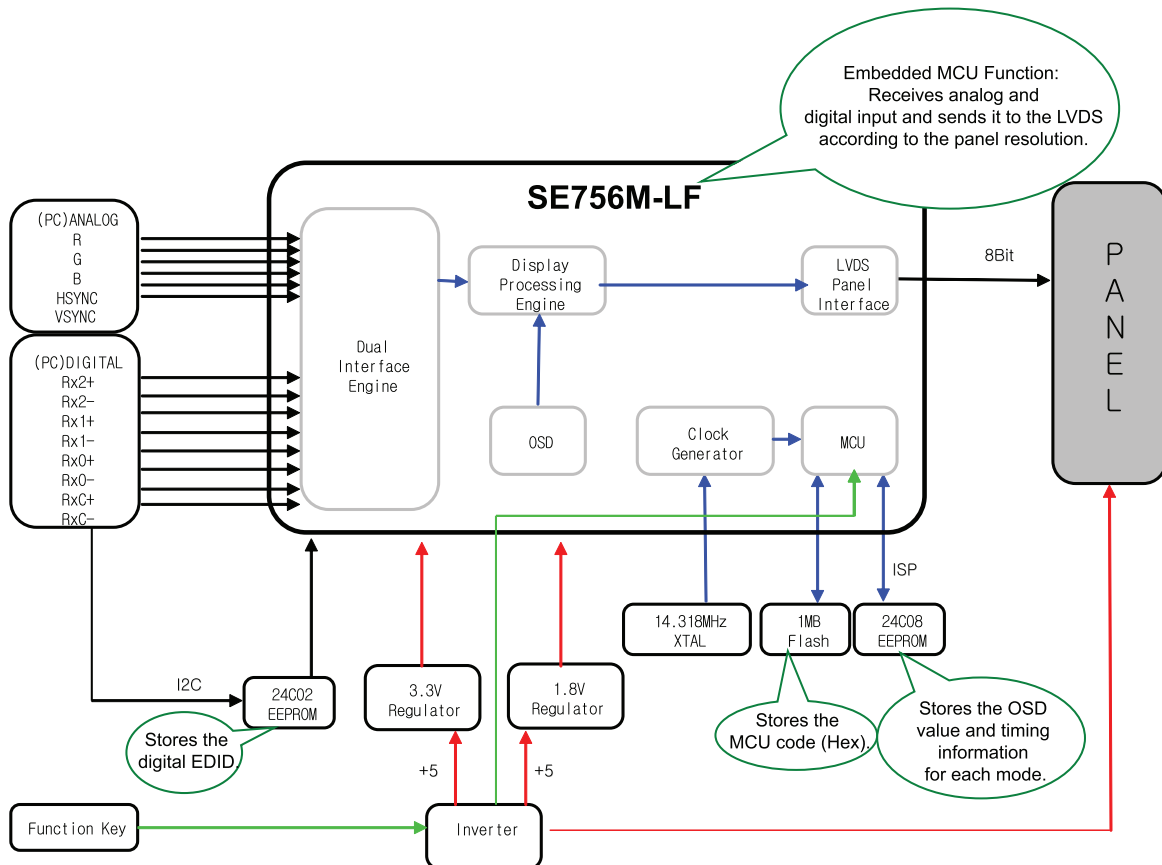


Location	Function	Remark
Scaler IC200	Besides the ADC, LVDS, and scaling part, an MCU is embedded as well. All of them are integrated into one chip.	743B / 943B : SE756M-LF
Flash Memory IC201	Stores the MCU program embedded in the scaler. It is of a flash type and rewritable.	MX25L1005
IC203	Stores the OSD and various timing values.	24C08
IC202	The memory to which DIGITAL DDC data is input	24C02
Regulator	An IC that receives DC voltage inputs. It is used in circuits that stabilize the DC voltage.	NCP117DT18T5G APL1117-33VC

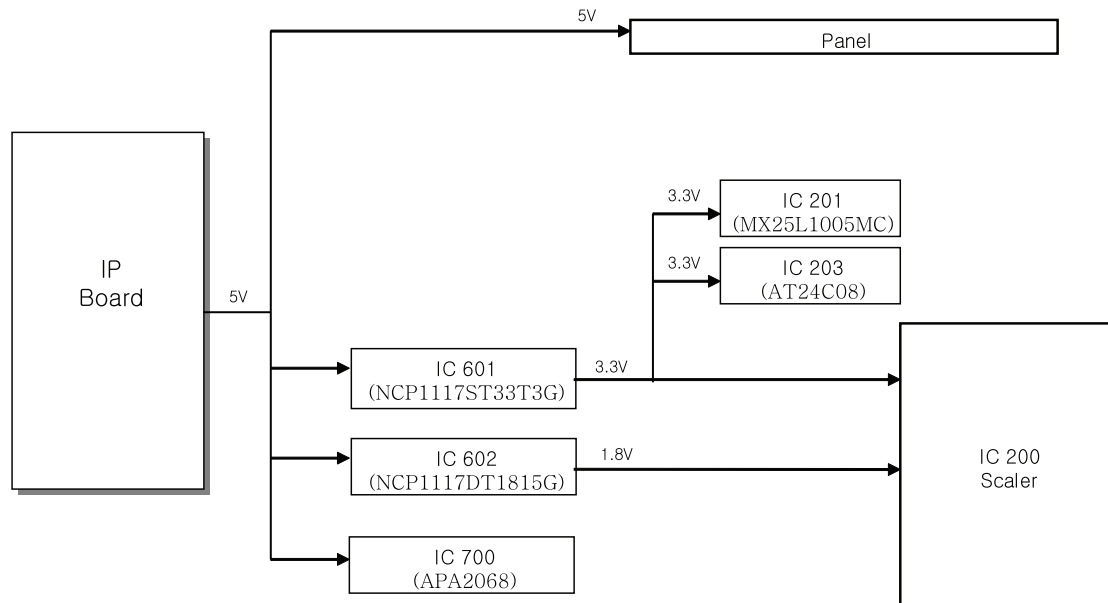
7-2. 743N/943N Schematic Diagrams (Scaler Part)



7-2-1. 743B/943B Schematic Diagrams (Scaler Part)

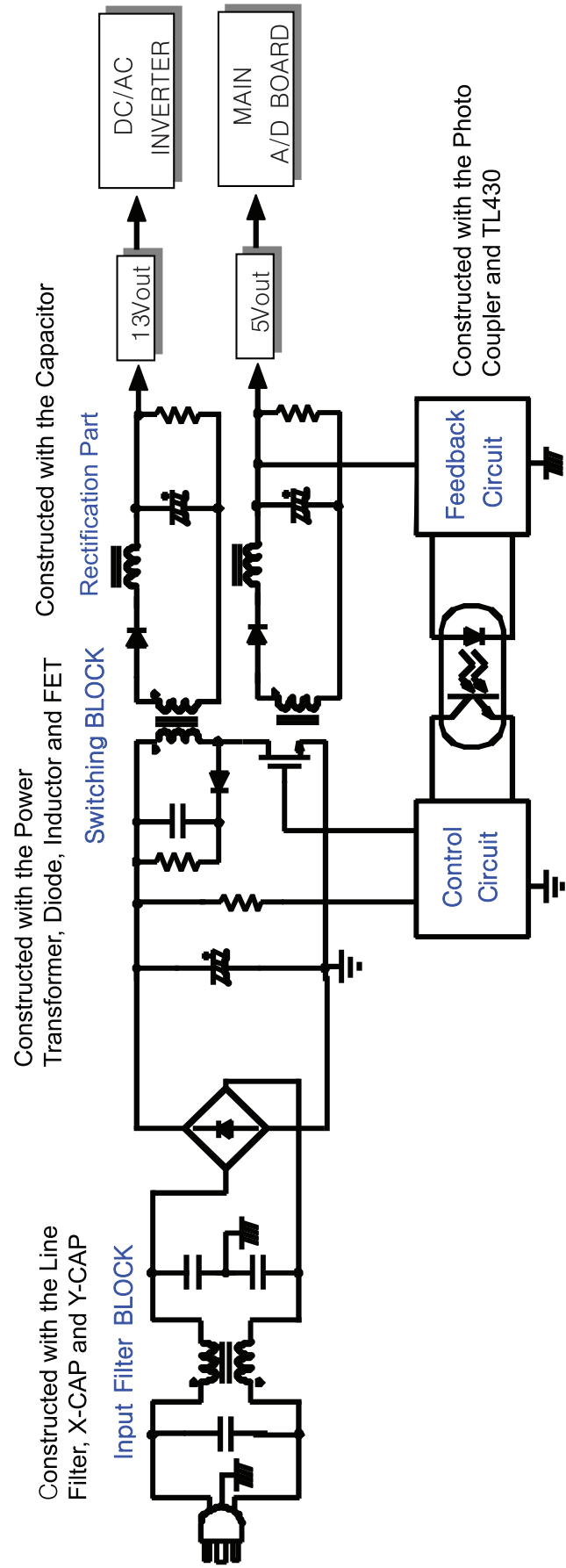


7-3. Schematic Diagrams (Power Flowchart)

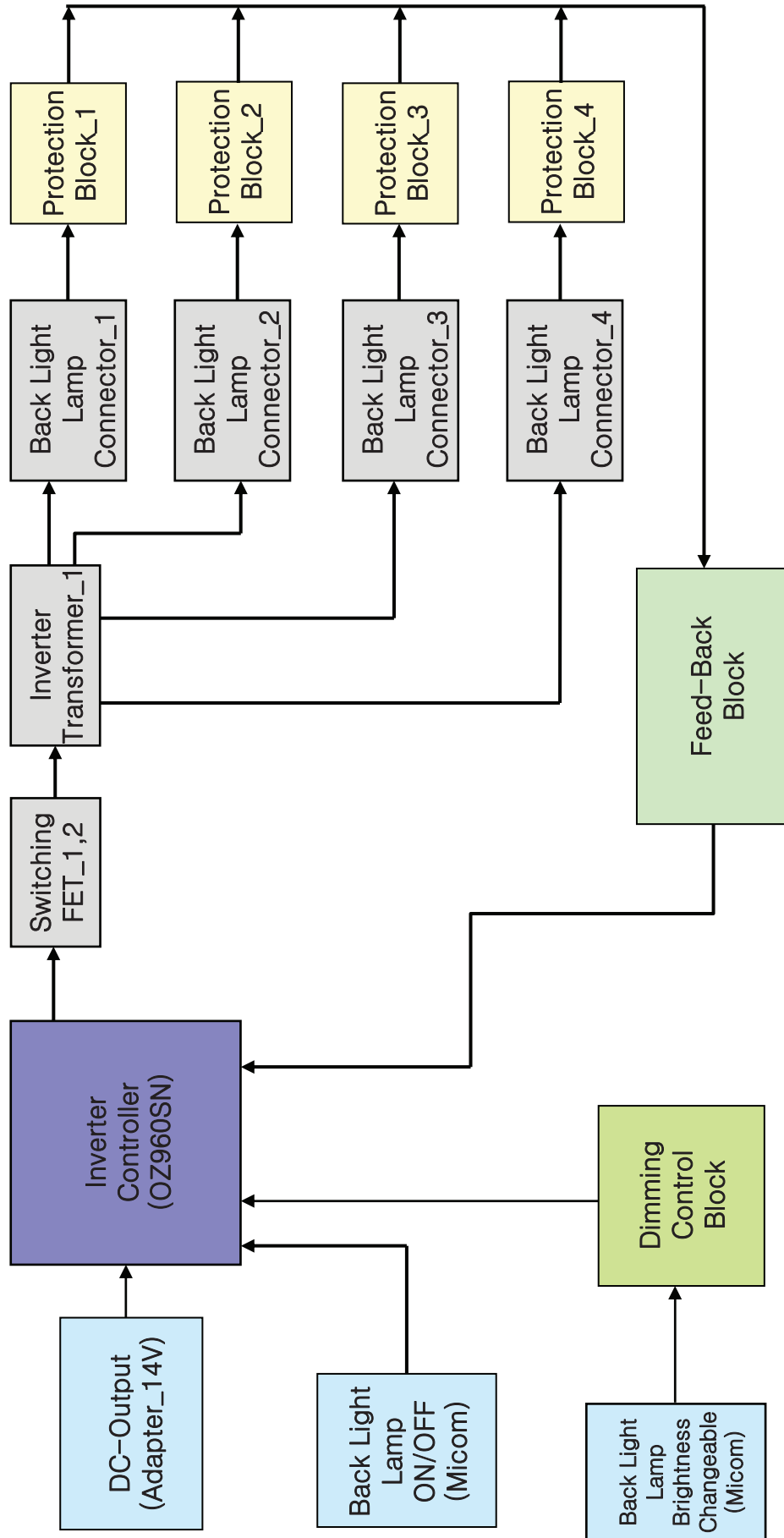


7-4. Schematic Diagrams (IP Board)

■ SMPS Part

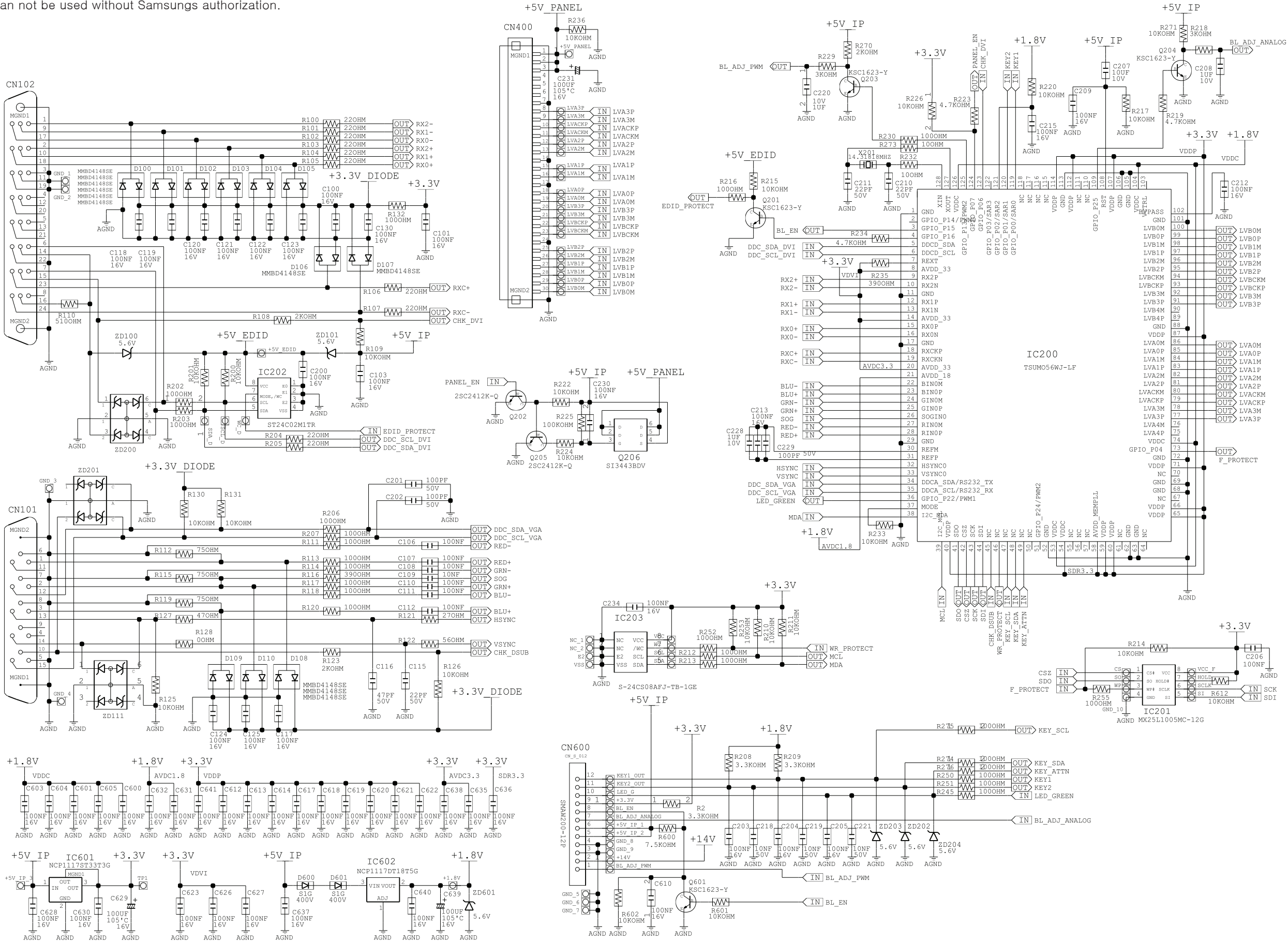


■ Inverter Part



7-5. Schematic Diagrams (Main PBA)

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