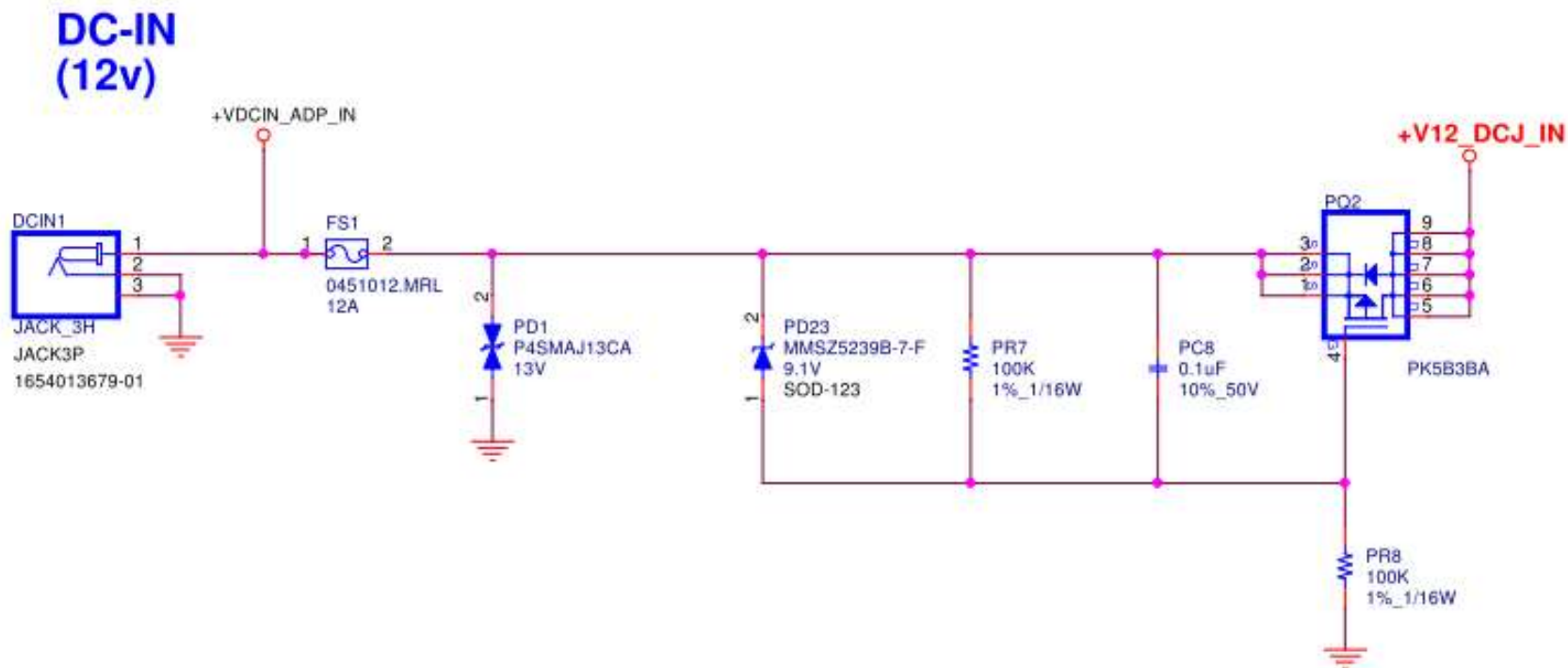


## Differences between SOM-DB2510-R0A1 (for RISC) and SOM-DB2510-00A1 (for X86)

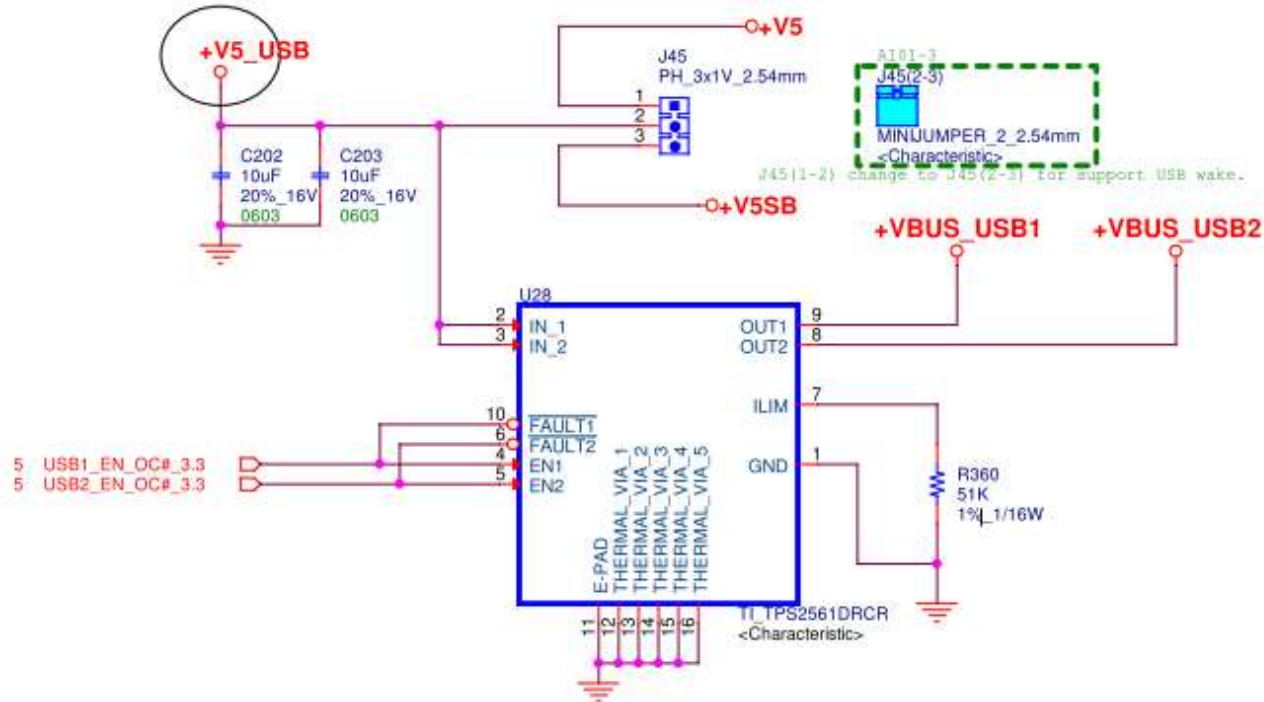
1. Strongly recommend prioritizing the use of a **DCIN1** DC jack connector on the SOM-DB2510-R0A1 (for RISC), instead of ATX1 power.



2. SOM-DB2510-R0A1 (for RISC) does not support USB wake on USB1 & USB2 but SOM-DB2510-00A1 (for X86) supports.

SOM-DB2510-R0A1 (for RISC) jumper default: J45(1\_2) → doesn't support USB wake

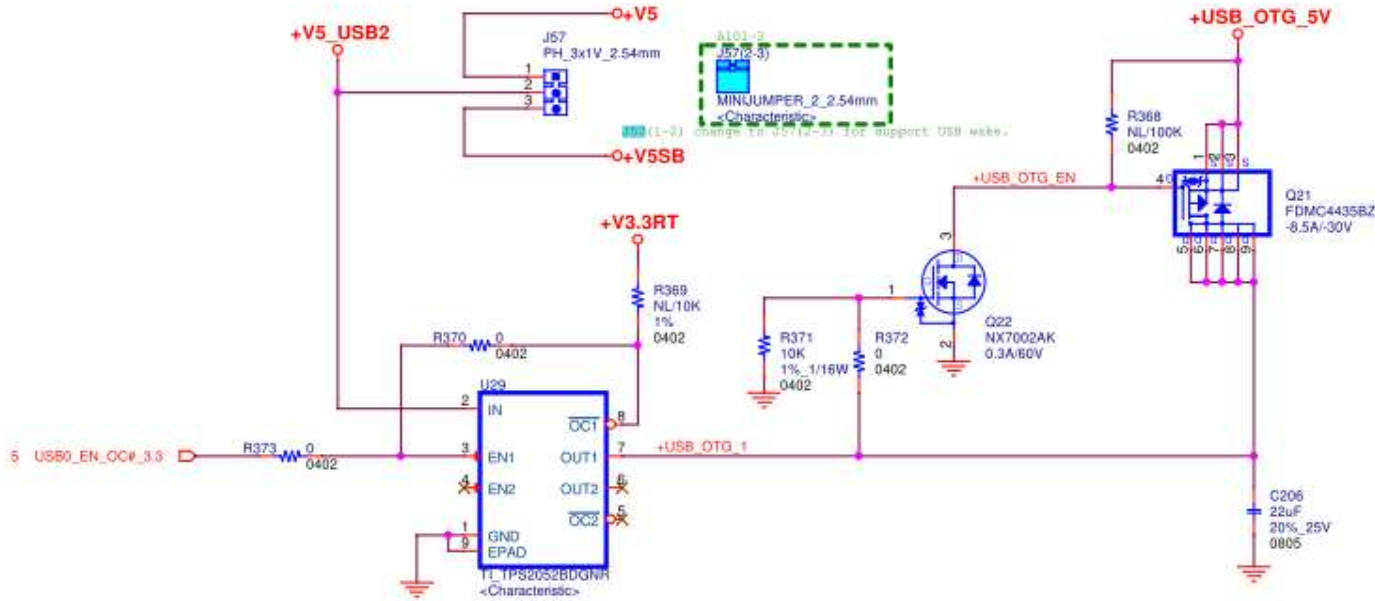
SOM-DB2510-00A1 (for X86) jumper default: J45(2\_3) → supports USB wake



3. SOM-DB2510-R0A1 (for RISC) does not support USB wake on USB0 but SOM-DB2510-00A1 (for X86) supports.

SOM-DB2510-R0A1 (for RISC) jumper default: J57(1\_2) → doesn't support USB wake

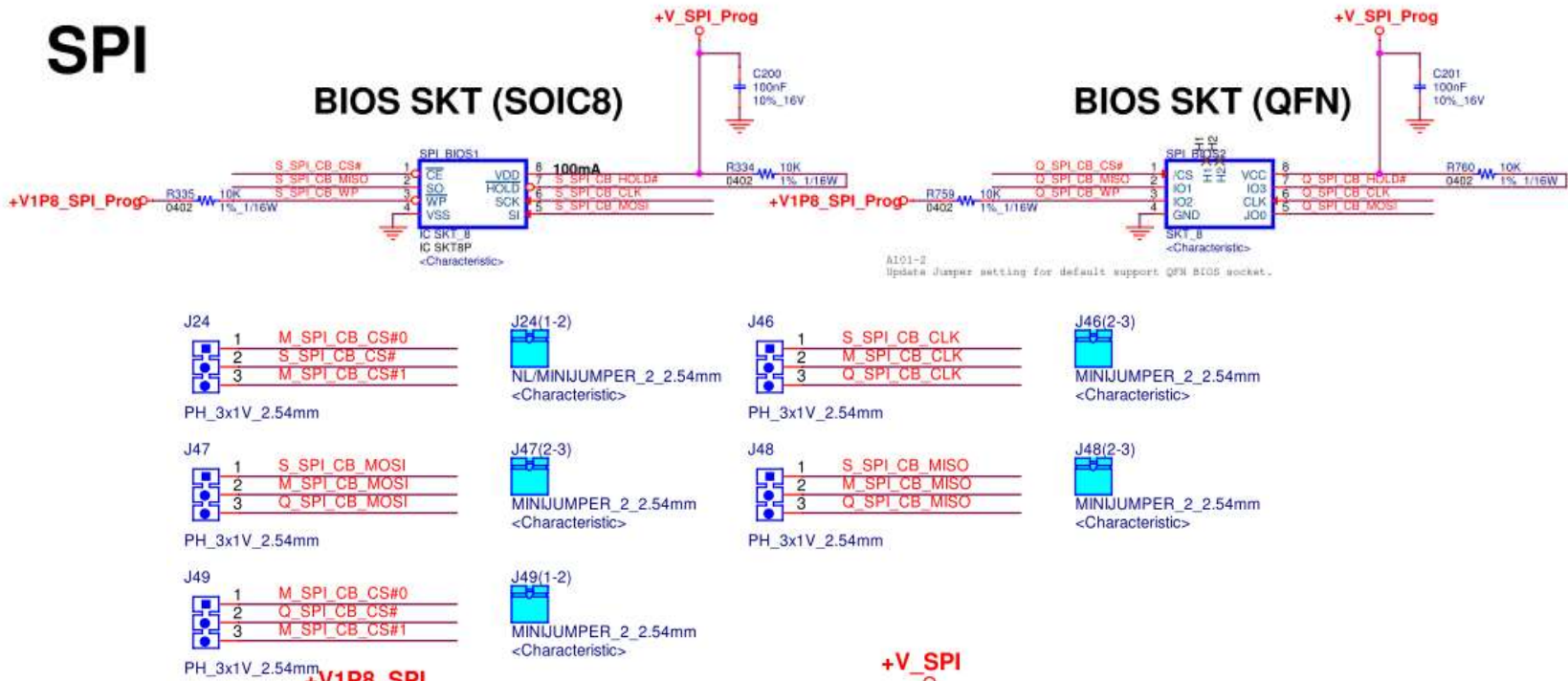
SOM-DB2510-00A1 (for X86) jumper default: J57(2\_3) → supports USB wake



4. RSIC module only uses SPI\_BIOS1, while SOM module may need QFN.

SOM-DB2510-R0A1 (for RISC) jumper defaults: J24(1\_2), J46(1\_2), J47(1\_2), J48(1\_2), J49(pin header only, no jumper)

SOM-DB2510-00A1 (for X86) jumper defaults: J24(pin header only, no jumper), J46(2\_3), J47(2\_3), J48(2\_3), J49(1\_2)



5. On RISC module, only I2S bus is supported, while SOM module supports both HAD & I2S to be selected.

SOM-DB2510-R0A1 (for RISC) jumper default: J26(pin header only, no jumper)

SOM-DB2510-00A1 (for X86) jumper default: J26(1\_2)

