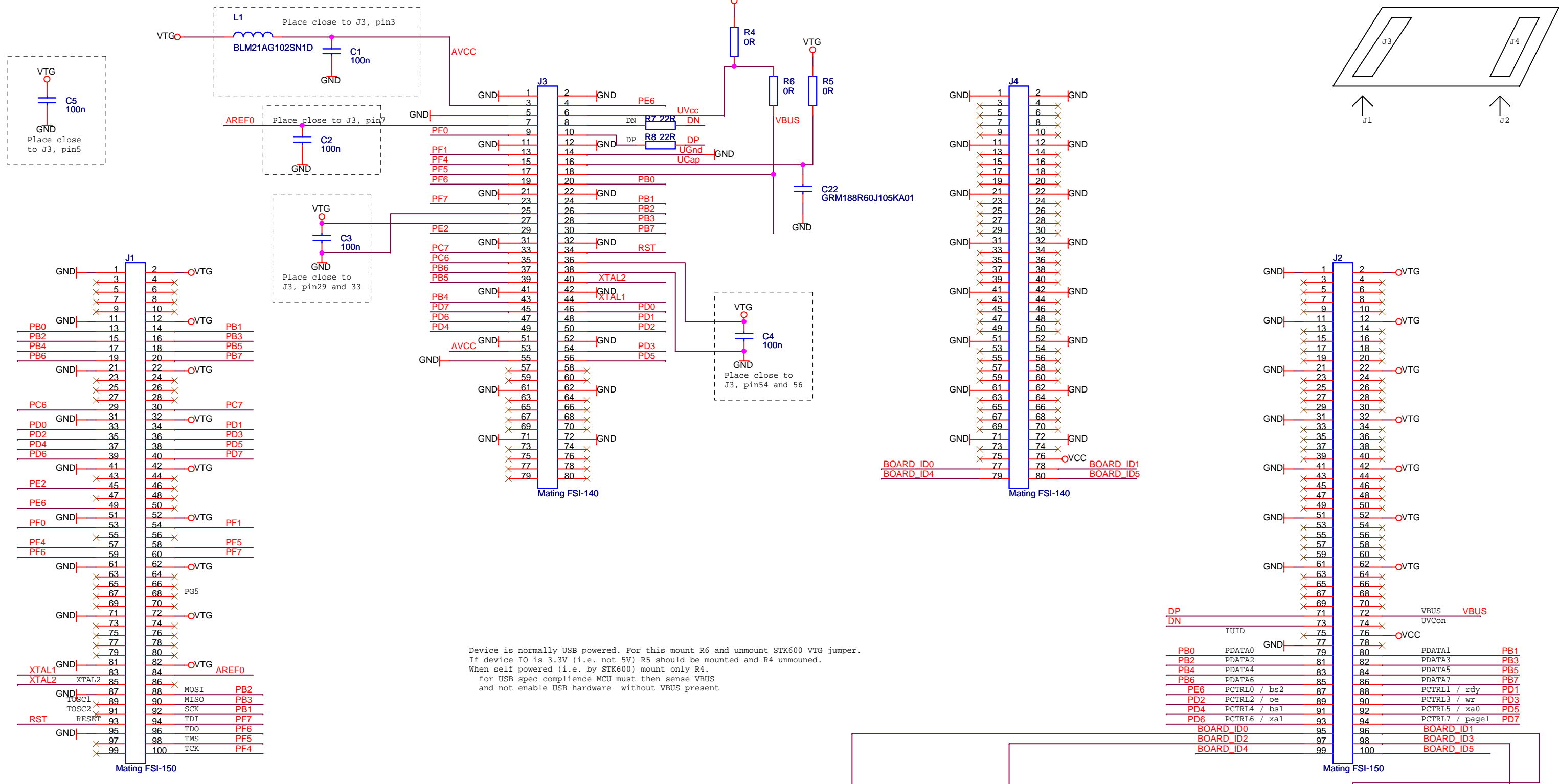


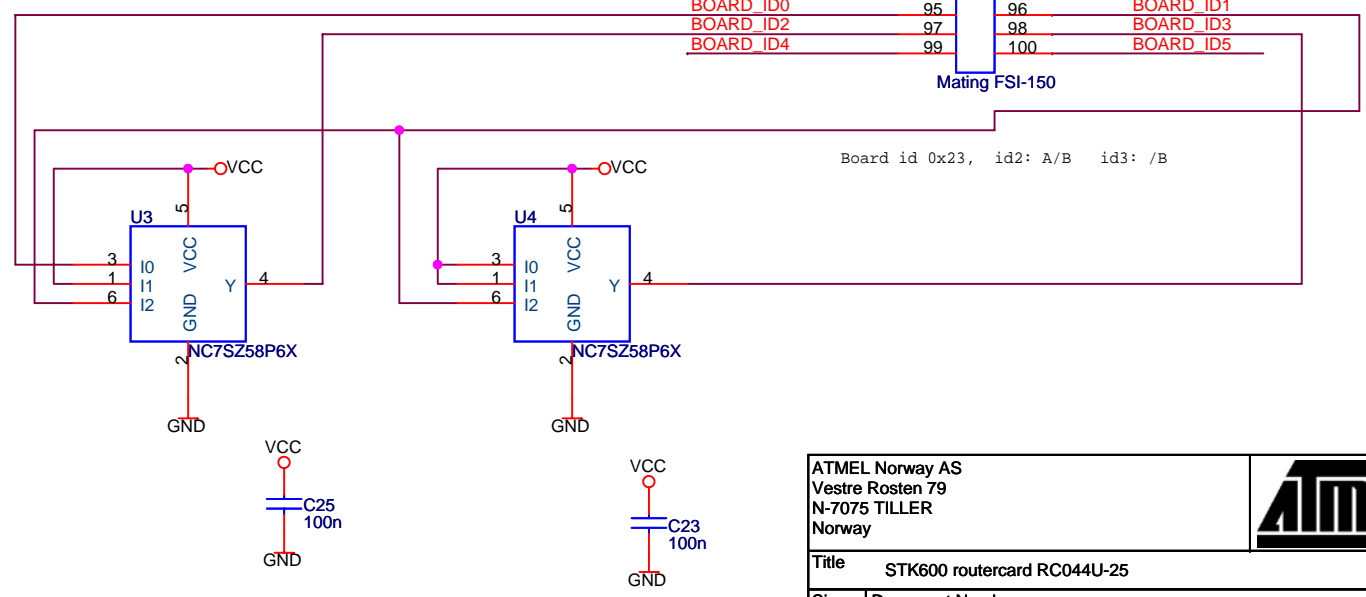
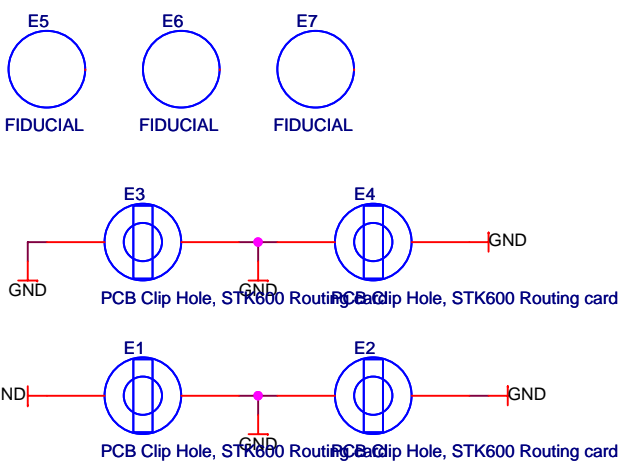
# STK600-RC044U-25 (for AT90USB-44 pin)

J3 and J4 mates up to the socket card, while J1 and J2 goes down to the mother board. J1 is physical placed below J3, and J2 below J4.



Device is normally USB powered. For this mount R6 and unmount STK600 VTG jumper. If device IO is 3.3V (i.e. not 5V) R5 should be mounted and R4 unmounted. When self powered (i.e. by STK600) mount only R4. For USB spec compliance MCU must then sense VBUS and not enable USB hardware without VBUS present

DP	PD0	DATA0	PB0
DN	PD2	DATA2	PB2
UIV	PD4	DATA4	PB4
DN	PD6	DATA6	PB6
UIV	PCTRL0 / bs2	PE6	PCTRL0 / rdy
DN	PCTRL2 / oe	PD2	PCTRL2 / wr
UIV	PCTRL4 / bs1	PD4	PCTRL4 / xa0
DN	PCTRL6 / xa1	PD6	PCTRL6 / xa1
UIV	BOARD_ID0	BOARD_ID0	BOARD_ID1
DN	BOARD_ID2	BOARD_ID2	BOARD_ID3
UIV	BOARD_ID4	BOARD_ID4	BOARD_ID5



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