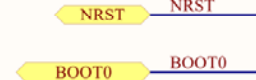
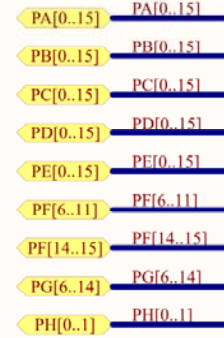
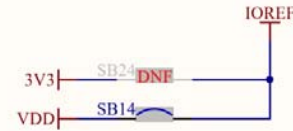
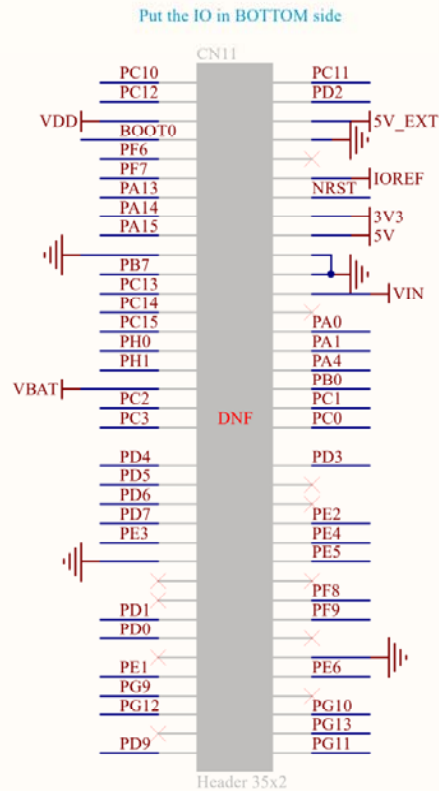


EXTENSION CONNECTORS, MCU INTERFACES

MORPHO CONNECTOR LEFT SIDE

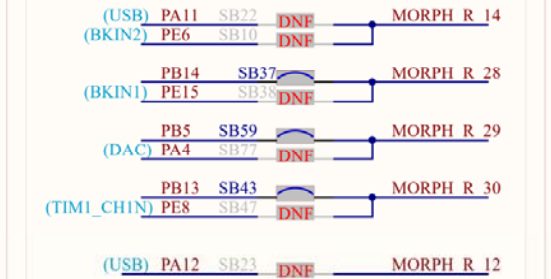


Exclusivity table : (Function1) OR (Function 2)

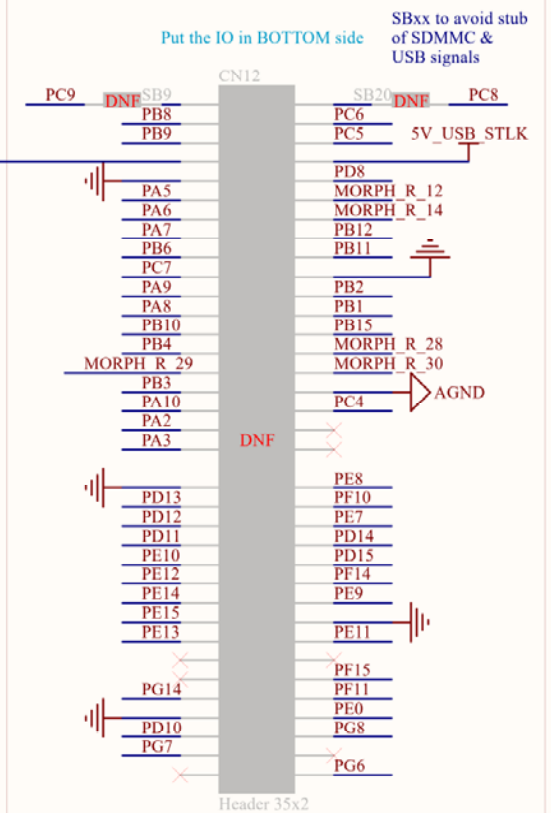
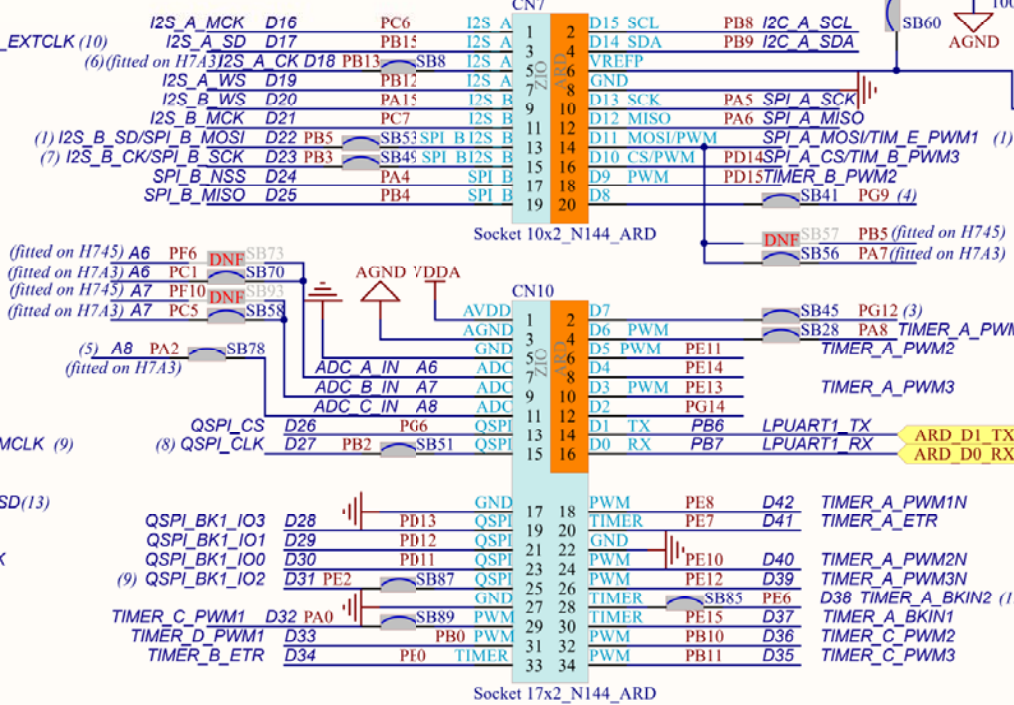
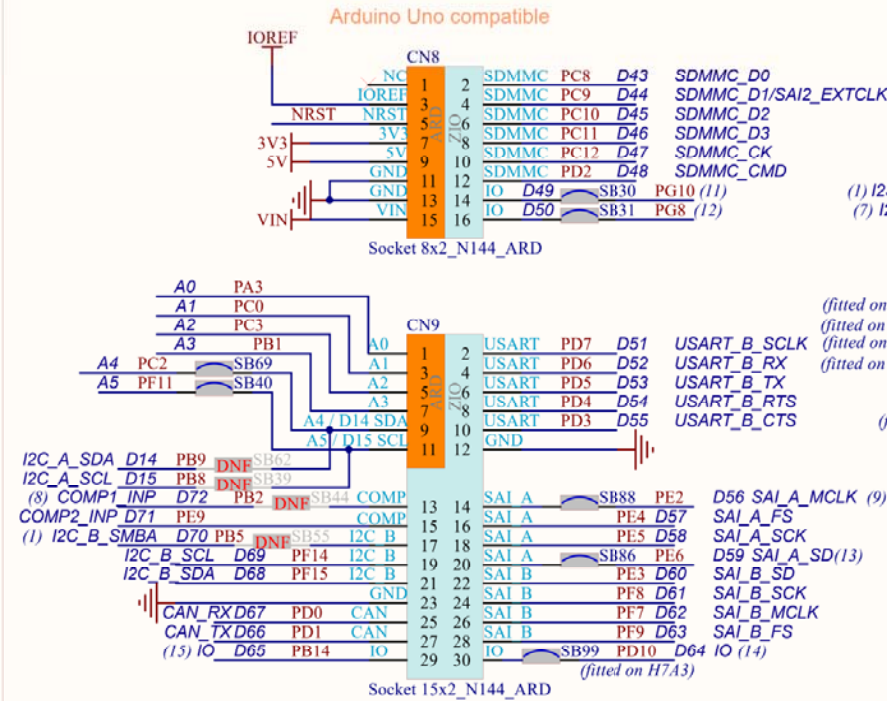
I/O	ARDUINO / ZIO	OTHER
(1) PB5	D11 / D22 / D70	
(2) PA8	D6	USB_SOF / MCO1
(3) PG12	D7	SMPS_PG
(4) PG9	D8	SMPS_EN
(5) PA2	A8	RMII_MDIO (H745ZI / H755ZI)
(6) PB13	D18	RMII_TXD1 (H745ZI / H755ZI)
(7) PB3	D23	SWO
(8) PB2	D27 / D72	
(9) PE2	D31 / D56	
(10) PC9	D44	
(11) PG10	D49	SMPS_SW
(12) PG8	D50	SMPS_V1
(13) PE6	D59 / D38	
(14) PD10	D64	USB_FS_PWR_EN (H745ZI / H755ZI)
(15) PB14	D65	LED_RED

MORPHO CONNECTOR RIGHT SIDE

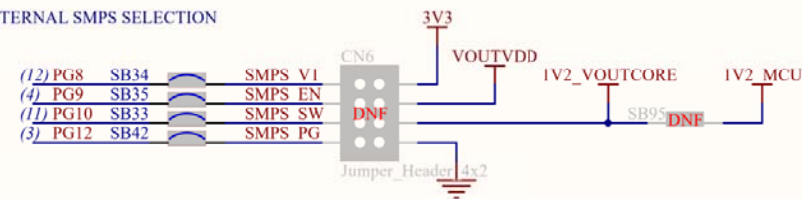
FOR X-NUCLEO-IHMXXM1 MOTOR CTRL COMPATIBILITY



ZIO CONNECTOR ARDUINO UNO COMPATIBLE

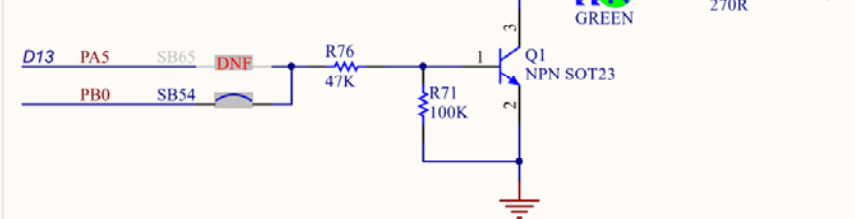


EXTERNAL SMPS SELECTION



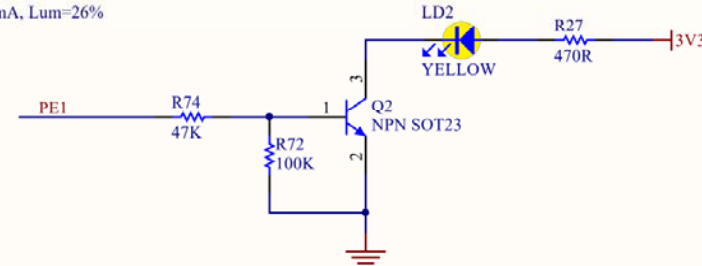
USER LED 1 : ARD_D13_LED

Curr=5mA, Lum=25%



USER LED 2

Curr=3mA, Lum=26%



USER LED 3

Curr=4mA, Lum=25%

