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# This file contains common pin mappings for Duet2 Eth/Wifi boards
# that have the Duex expansion board. To use this config, the firmware
# should be compiled for the SAM4E8E.

## Drivers
# Here are the pins for the 10 stepper drivers supported by a Duet2 board
# | Drive | DIR pin | STEP pin | ENDSTOP pin | SPI EN pin |
# |-----|-----|-----|-----|-----|
# | X      | PD11    | PD6      | PC14         | PD14        |
# | Y      | PD12    | PD7      | PA2          | PC9         |
# | Z      | PD13    | PD8      | PD29         | PC10        |
# | Z1     | PD9      | PD4      | PC16         | PC25        |
# | E0     | PA1      | PD5      | PD10         | PC17        |

# The SPI EN pins are required for the TMC2660 drivers (use
# the SPI EN pin as 'cs_pin' in the respective config block).
#The **enable pin for all steppers** is TMC_EN = !PC6.

## Fans
# | FAN | PIN |
# |-----|-----|
# | FAN0 | PC23 |
# | FAN1 | PC26 |
# | FAN2 | PA0  |
#

## Heaters and Thermistors
# | Extruder Drive | HEAT pin | TEMP pin |
# |-----|-----|-----|
# | BED           | PA19    | PC13     |
# | E0            | PA20    | PC15     |
# | E1            | PA16    | PC12     |

## Misc pins
# | Name | Pin |
# |-----|-----|
# | SPI0_CS0 | PC24 |
# | SPI0_CS1 | PB2  |
# | SPI0_CS2 | PC18 |
# | SPI0_CS3 | PC19 |
# | SPI0_CS4 | PC20 |
# | SPI0_CS5 | PA24 |
# | SPI0_CS6 | PE1* |
# | SPI0_CS7 | PE2* |
# | SPI0_CS8 | PE3* |
# | SX1509_IRQ | PA17* |
#
# | SG_TST | PE0* |
# | ENC_SW | PA7  |
# | ENC_A  | PA8  |
# | ENC_B  | PC7  |
# | LCD_DB7 | PD18 |
# | LCD_DB6 | PD19 |
# | LCD_DB5 | PD20 |
# | LCD_DB4 | PD21 |
# | LCD_RS  | PC28 |
# | LCD_E   | PA25 |
#

# For the remaining pins check the schematics provided here: https://github.com/T3P3/Duet
# https://duet3d.dozuki.com/Wiki/Duet\_2\_Pinout\_table

## ENDSTOPS
# | Name | Pin |
# |-----|-----|
# | E0_STOP | PD10 |
# | E1_STOP | PC16 |

## PROBE
# | Name | Pin |
# |-----|-----|
# | ZProbe_IN | PC1 |
# | ZProbe_MOD | PC2 |

```