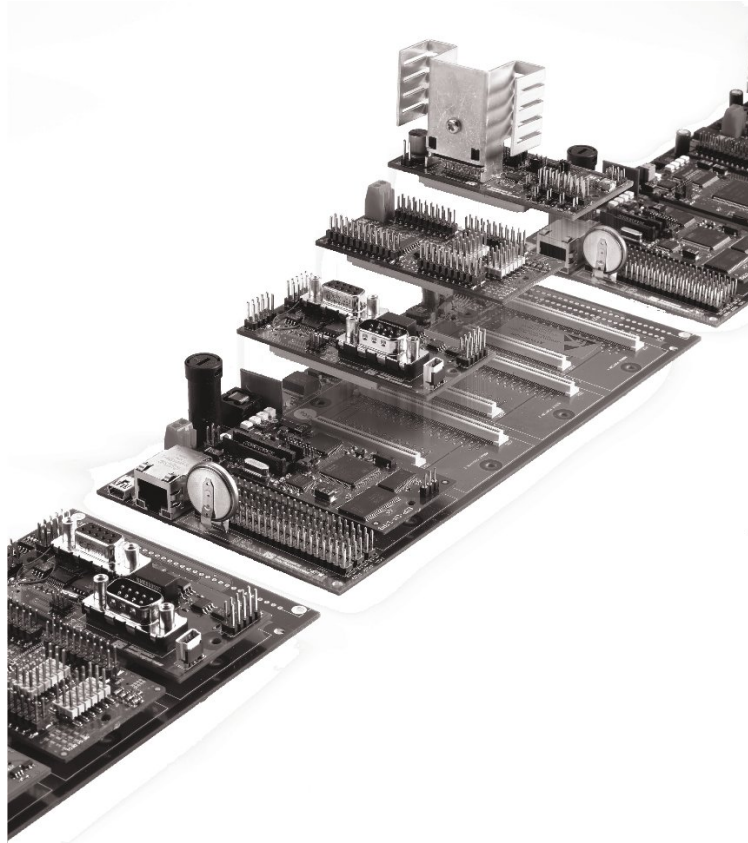
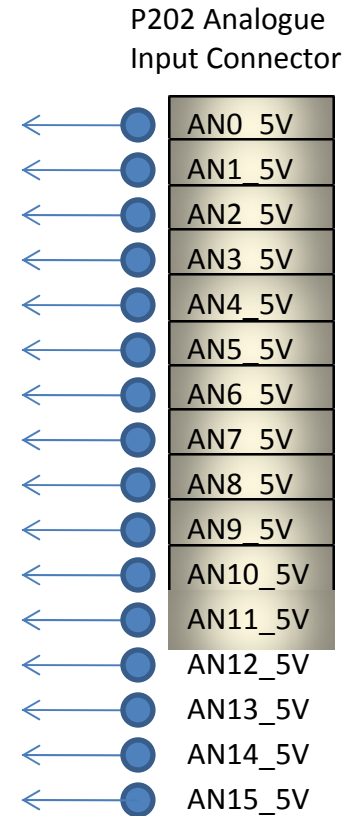
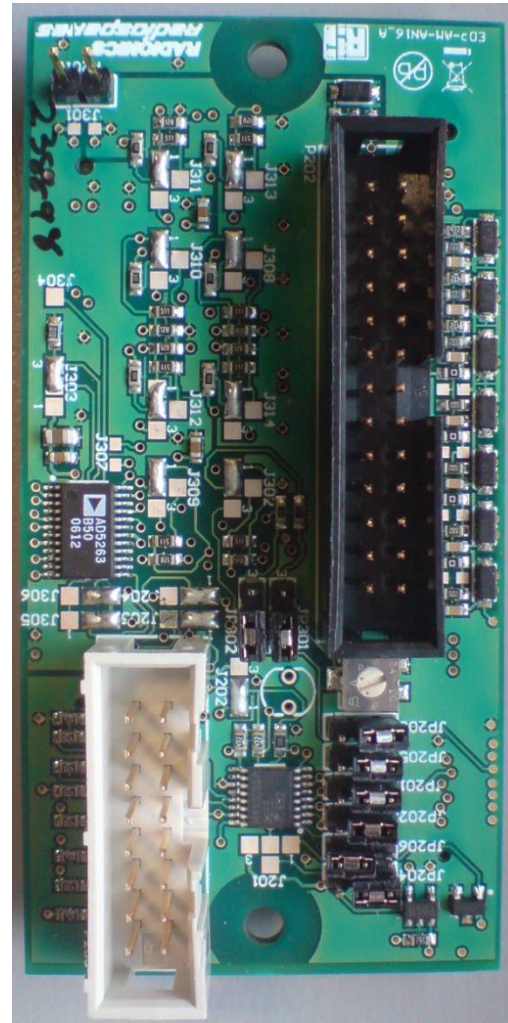
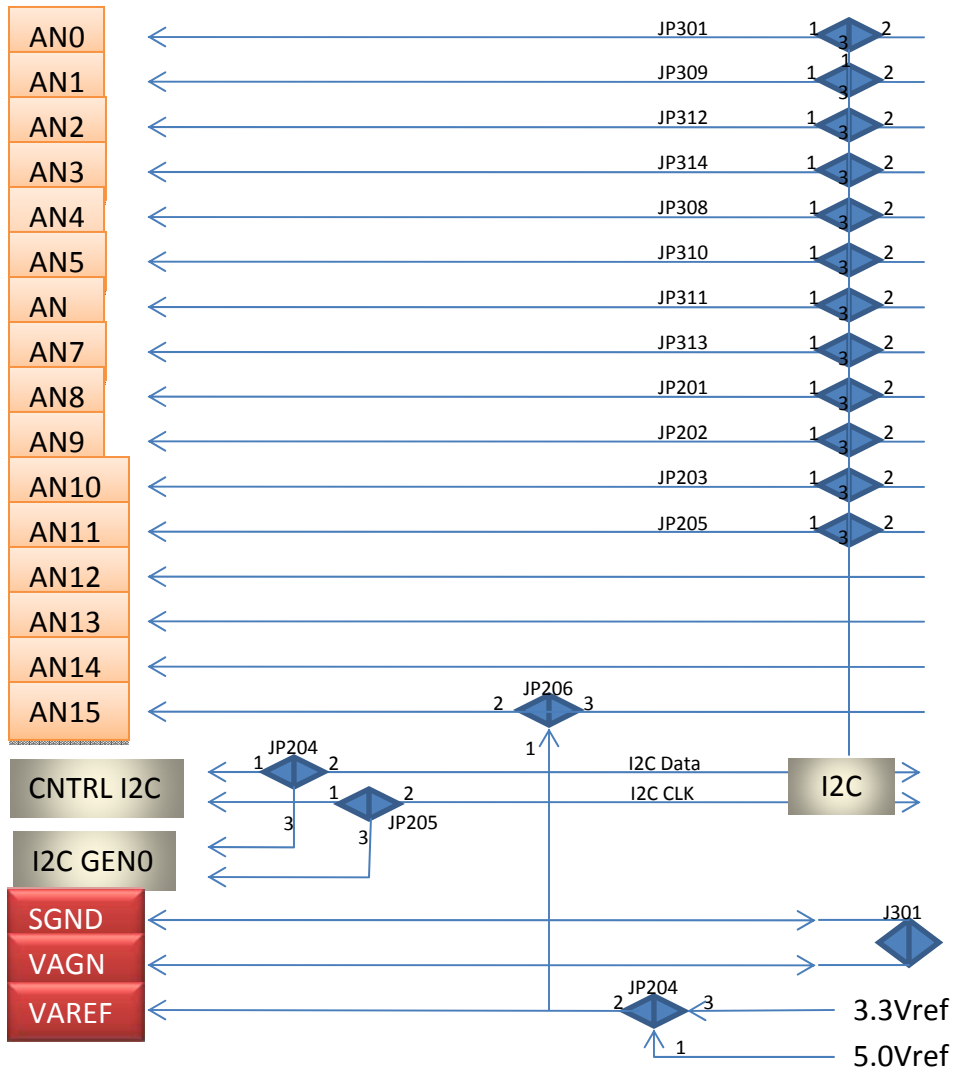


# Mapping Aid For RS-EDP Platform



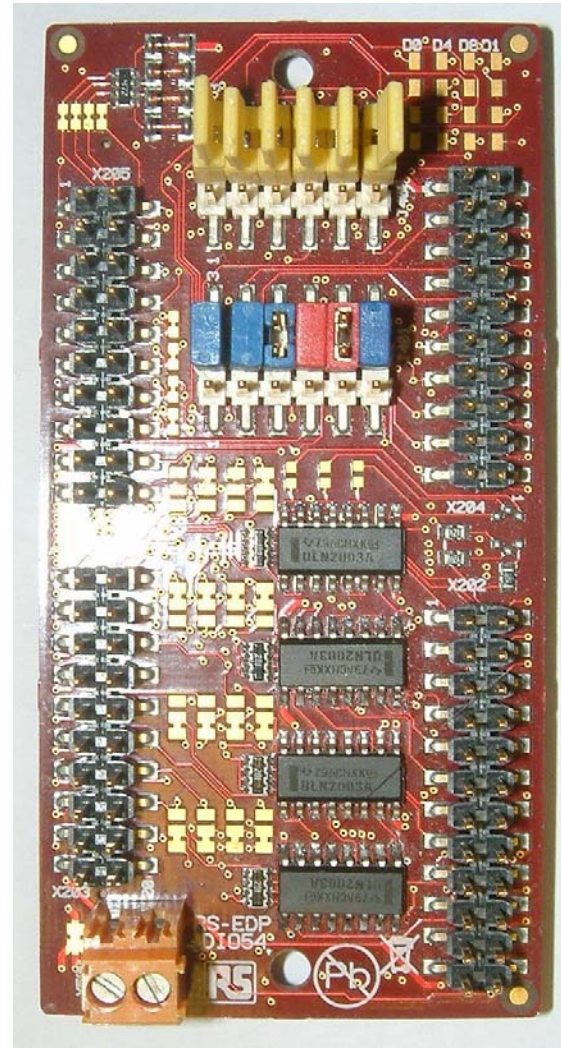
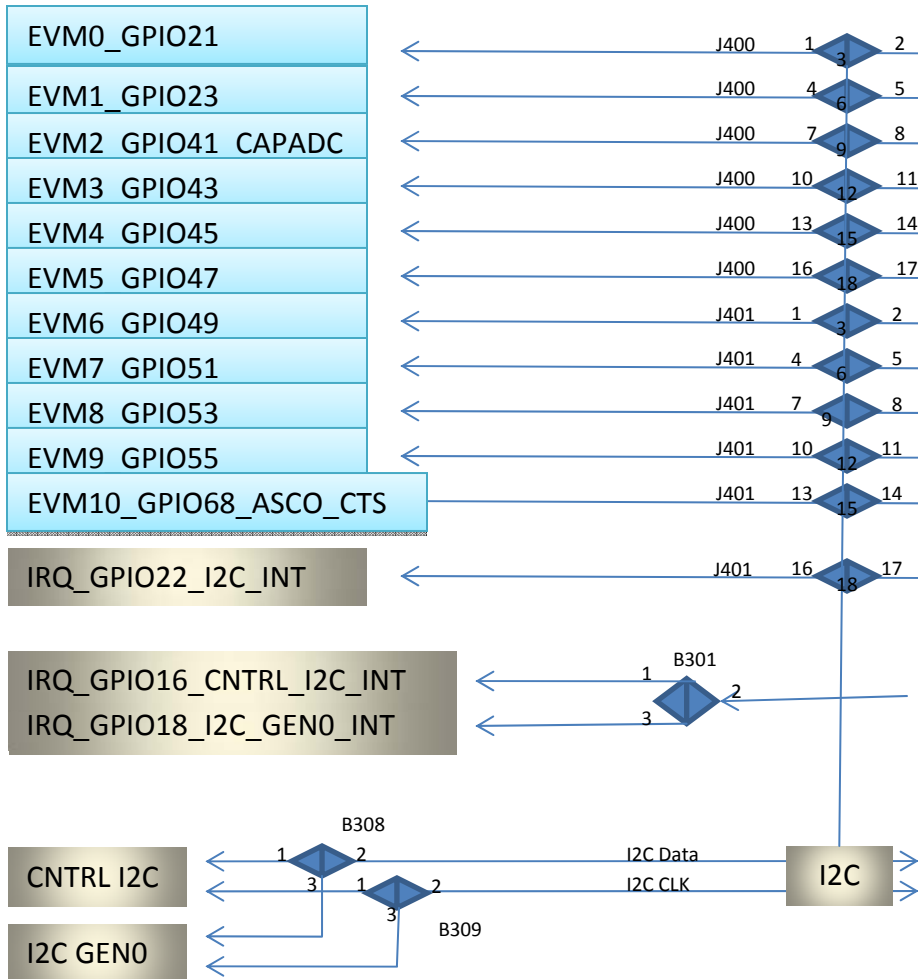
LPC1768 Mapping Aid Complete Rev. 03

# AN16 - Analogue Module to RS-EDP Backplane

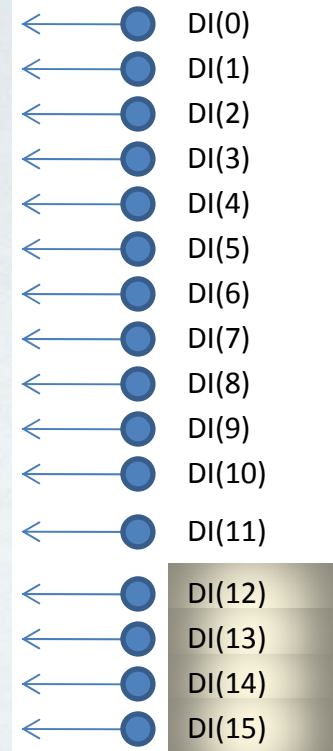


I2C bus can only read inputs AN0\_5V to AN11\_5V

# DIO54 - Digital I/O Module Inputs to RS-EDP Backplane

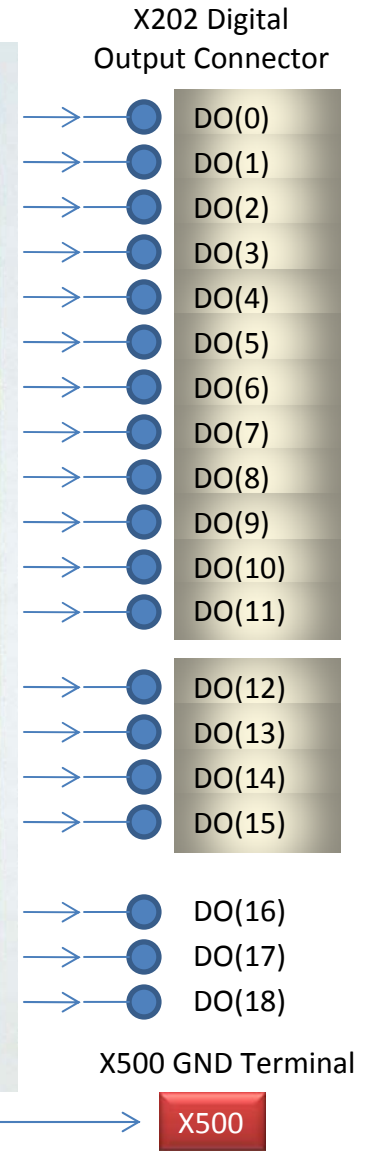
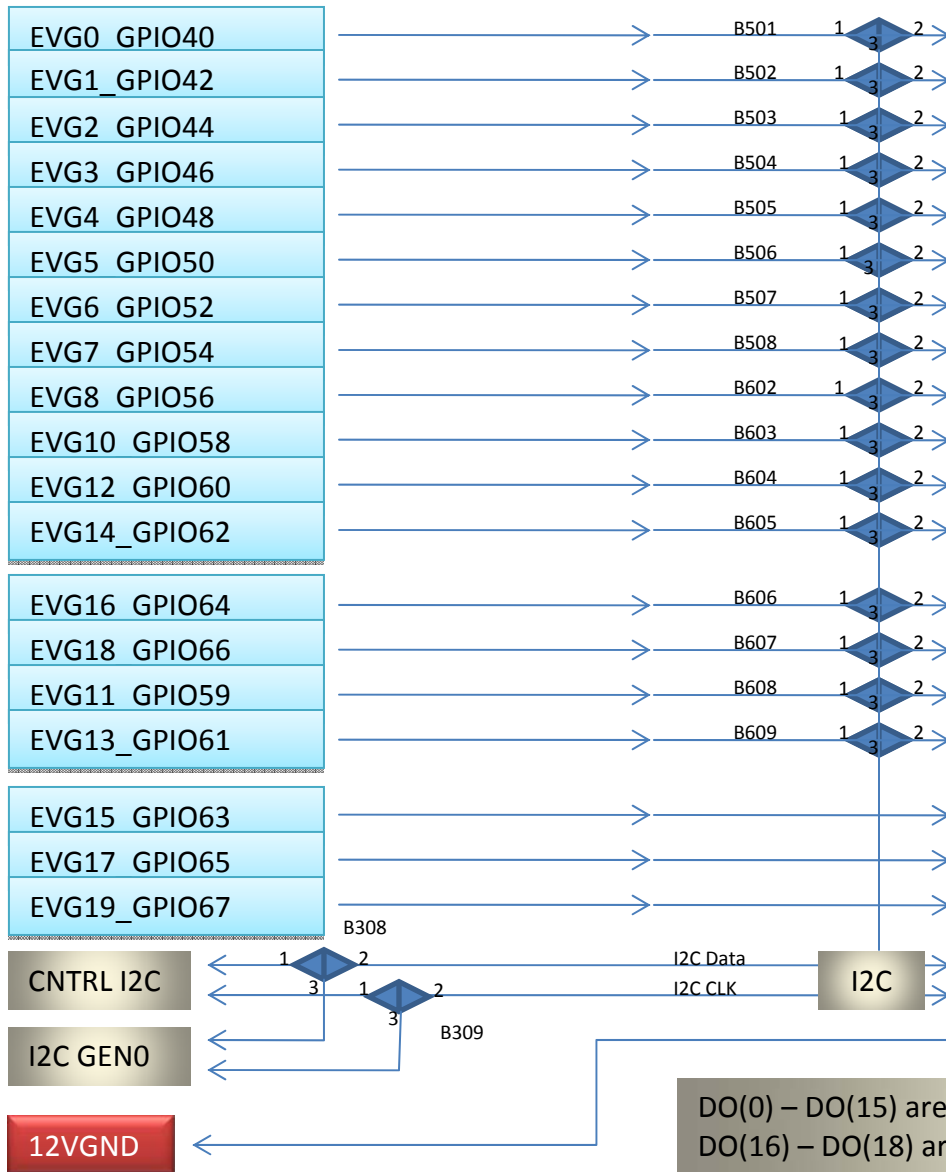


X205 Digital Input Connector



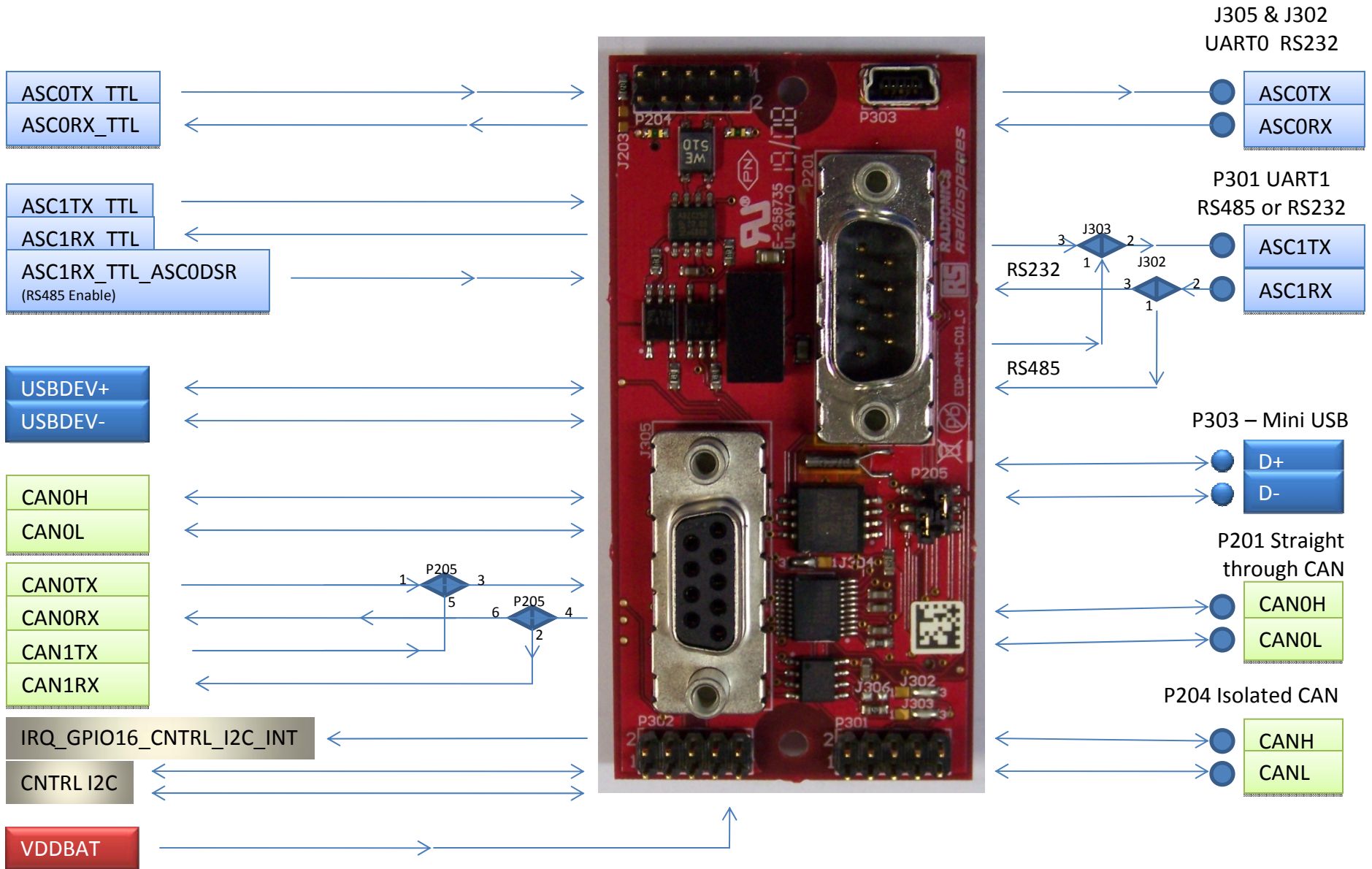
DI(0) – DI(11) can be read via I2C or via backplane by the MCU  
 DI(12) – DI(15) can only be read via I2C.

# DIO54 - Digital I/O Module Outputs to RS-EDP Backplane

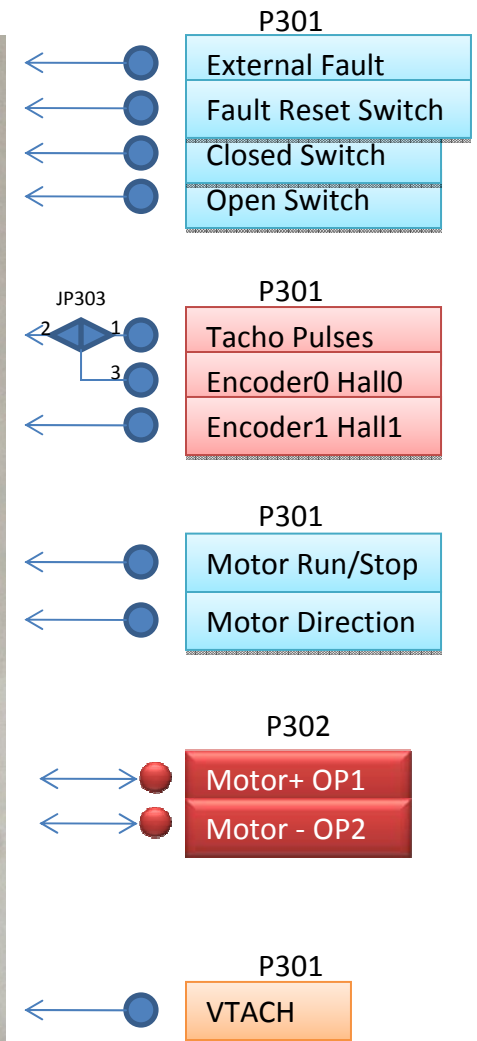
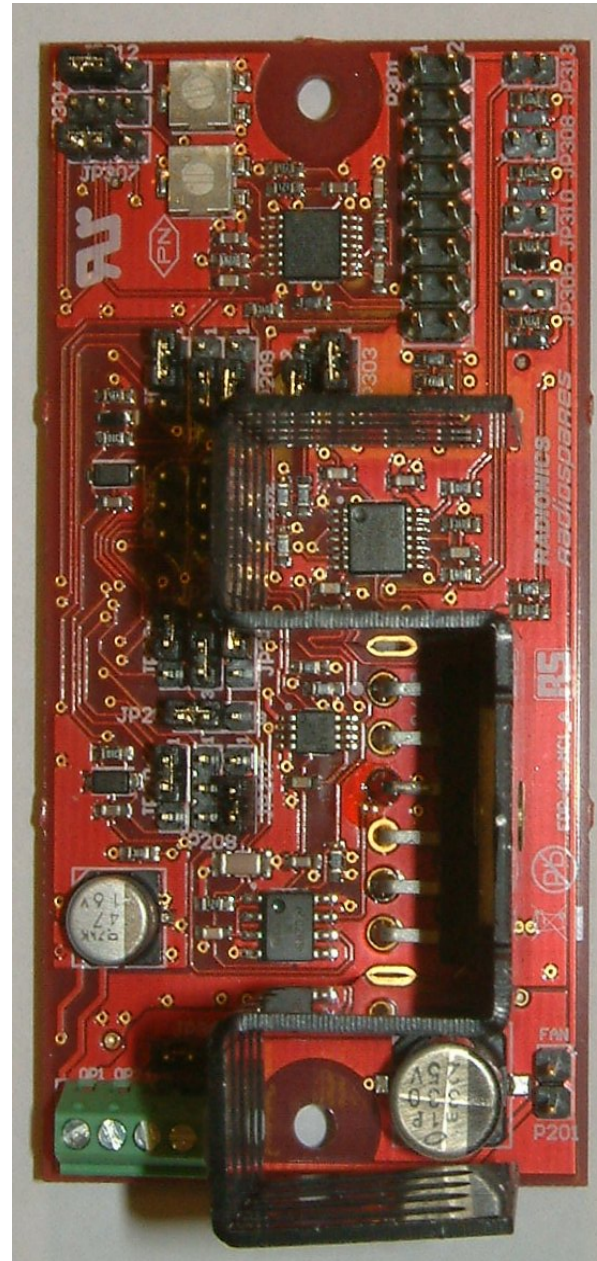
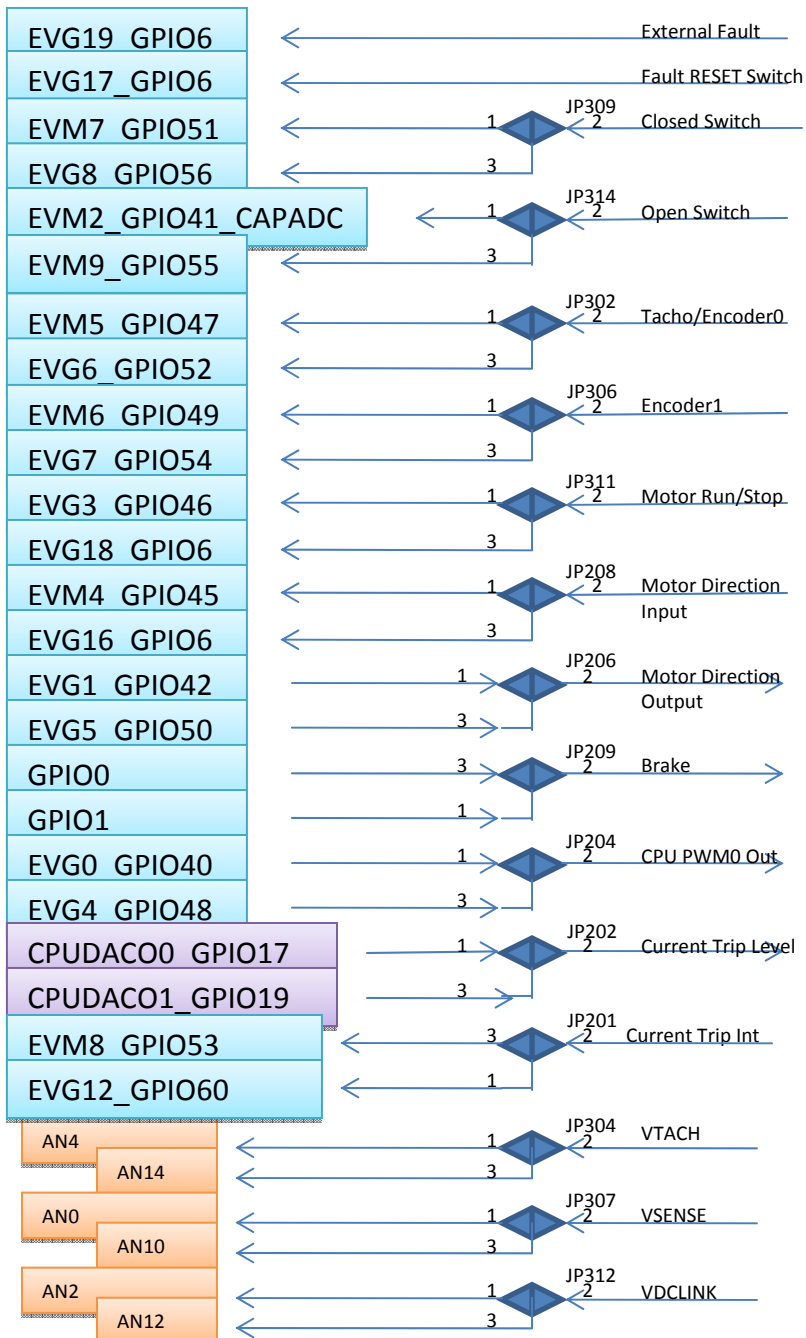


DO(0) – DO(15) are Darlington outputs, controlled by either I2C or direct MCU control  
 DO(16) – DO(18) are MCU logic level outputs controlled only by direct MCU

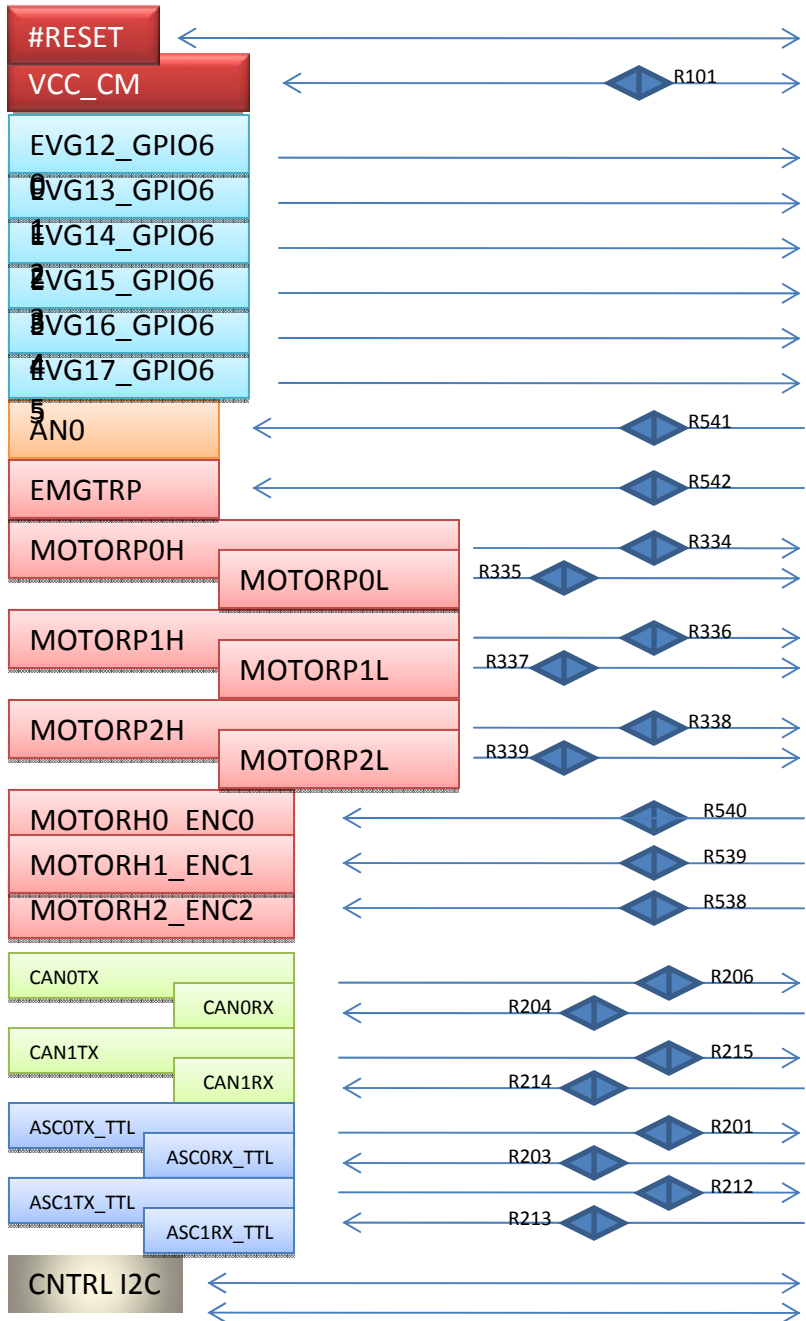
# CO1 - Communications Module to RS-EDP Backplane



# MC1 - Motor Drive Module to RS-EDP Backplane

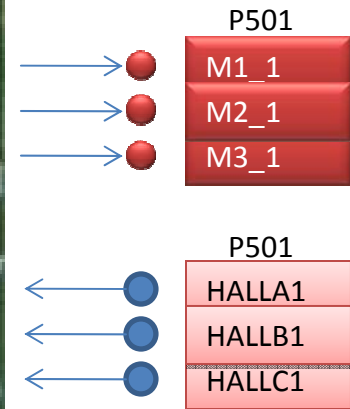


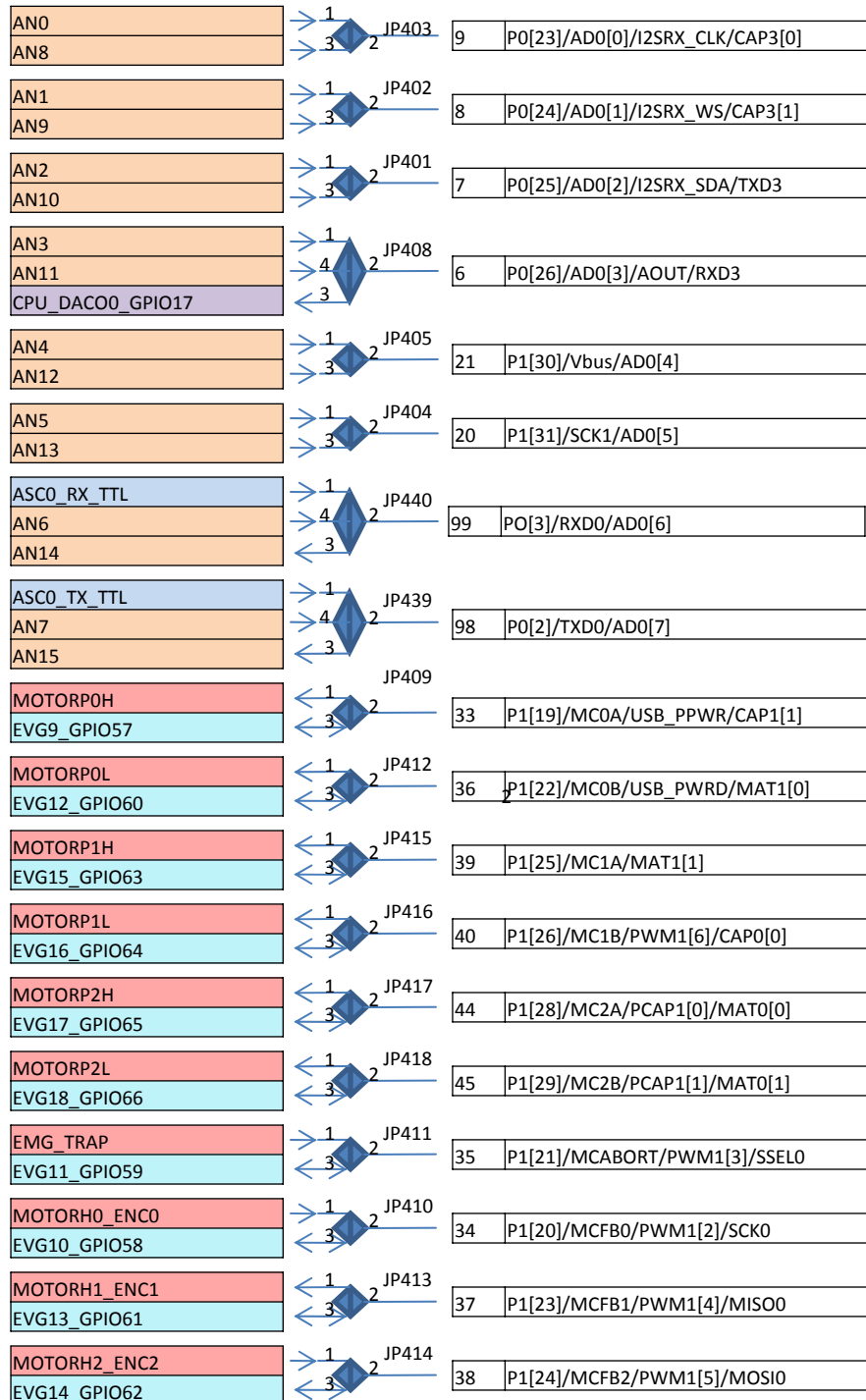
## MC2 - Motor Drive Module to RS-EDP Backplane



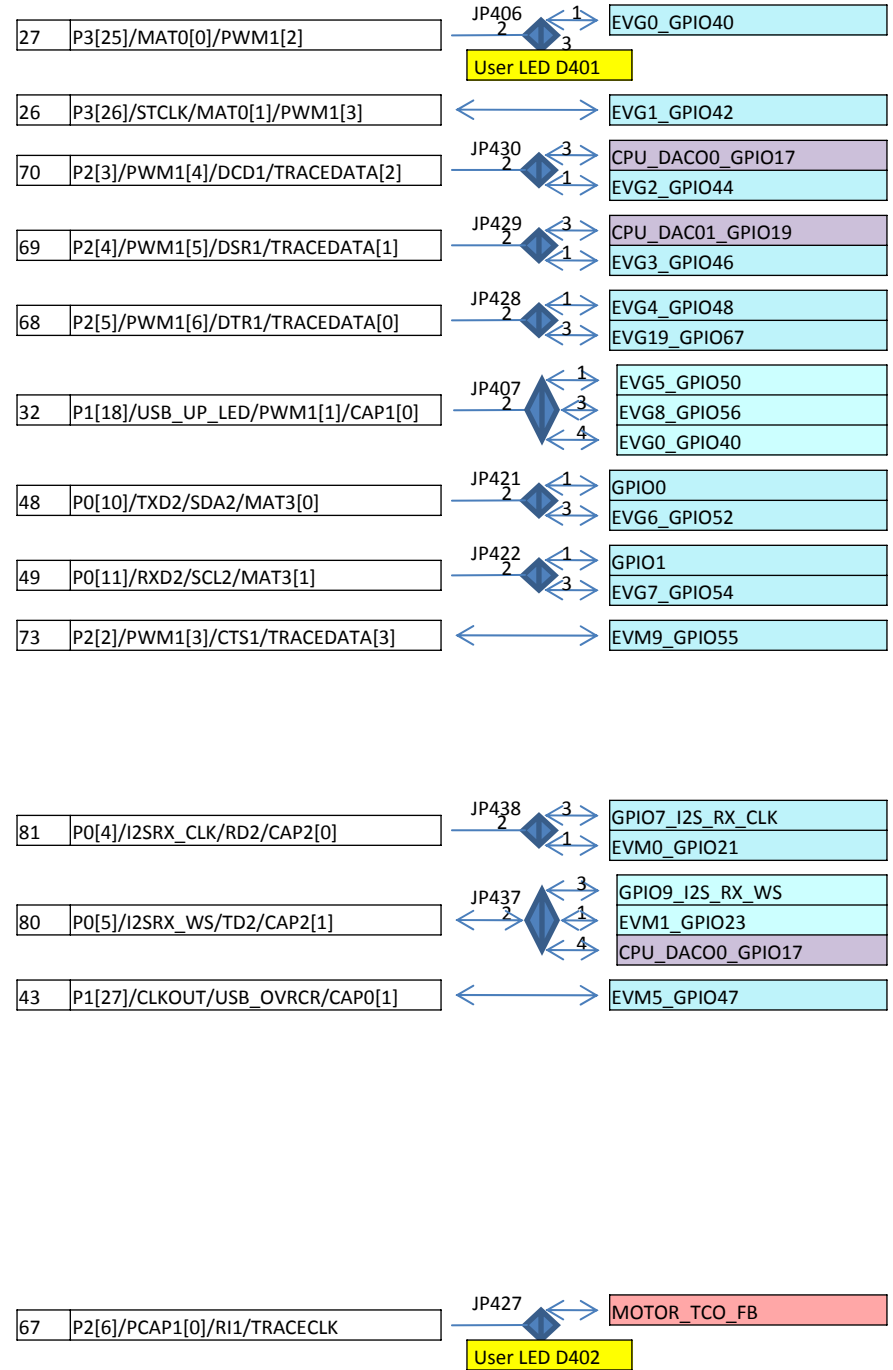
MC2 Module is a twin motor drive module.

Output connections are only shown for the motor under control from an external Command Module, via the backplane.

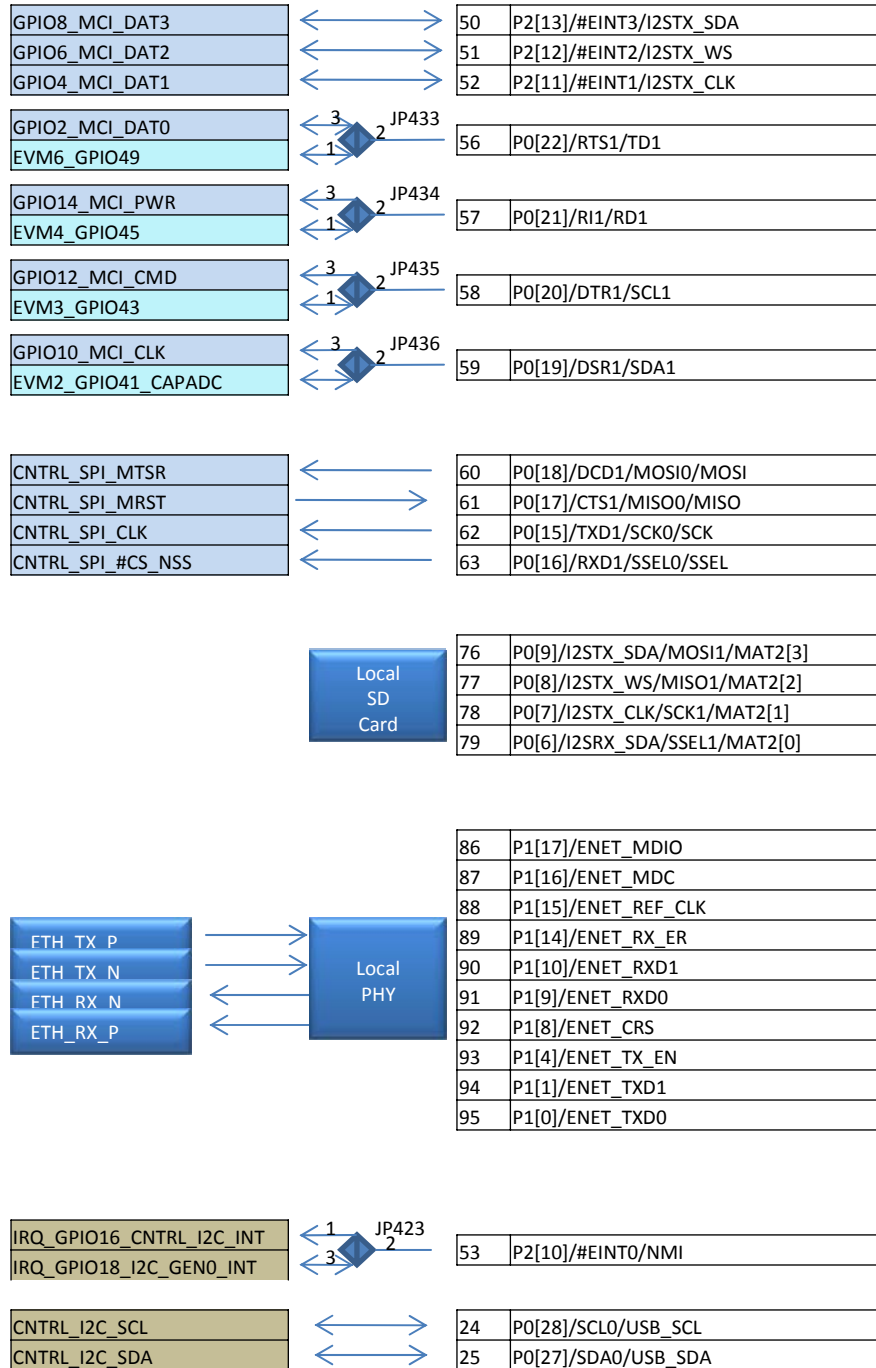




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