Fan Controller

Monitor to be ignored

Connections for each fan

Fans always powered, controlled by BMS PWM

Minifit Sr power input

# Requirements/Constraints

* Drive 3 blower fans based on a single PWM input
* Square PCB with 45 mm mounting hole spacing
* Holes to mount 25x35mm PDB above
* PWM 25Khz
* 12V 6.2A
* 5V PWM logic with pullup

# I/O

* PWM BMS
* 12 V
* GND
* Fan 1 Power
* Fan 1 GND
* Fan 1 PWM
* Fan 2 Power
* Fan 2 GND
* Fan 2 PWM
* Fan 3 Power
* Fan 3 GND
* Fan 3 PWM

# Components

* 1x Microfit 2x5 Pin Horizonal
  + Receptacle: 430451001
* 1x Molex minifit Sr 2x1 Pin vertical
  + Receptacle: 428192214
  + Plug: 428160212
  + Pins: 428150042