

DEVELOPMENT BOARD (NEW)

+5V R1 33 VREF = 4.096V

U1
LM4040

USB_POWER

U2

OSC2/CLKOUT
RA0/AN0
RA1/AN1
RA2/AN2/VREF-/CVREF
RA3/AN3/VREF+
RA4/T0CK1/C1OUT
RA5/AN4/SS/HLVDIN/C2OUT
RB0/INT0/FLT0/AN12
RB1/INT1/AN10
RB2/INT2/AN8
RB3/AN9/CCP2
RB4/KBI0/AN11
RB5/KBI1/PGM
RB6/KBI2/PGC
RB7/KBI3/PGD
RC0/T1QSO/T13CK1
RC1/T1OSI/CCP2
RC2/CCP1/P1A
RC3/SCK/SCL
RC4/SDI/SDA
RC5/SDO
RC6/TX/CK
RC7/RX/DT
RD0/PSP0
RD1/PSP1
RD2/PSP2
RD3/PSP3
RD4/PSP4
RD5/PSP5/P1B
RD6/PSP6/P1C
RD7/PSP7/P1D
RE0/RD/AN5
RE1/WR/AN6
RE2/CS/AN7

PIC18F4620

JP2
HEADER 6

USB_POWER

MCLR/Vpp
OSC1/CLKIN/RA7

Vss
Vss

+5V

RP1
POT 5K

AN0

LED_RGB COMMON CATHODE

PORTA.1

PORTA.2

PORTA.5

FANEN_LED

LED1 LED

D1 DUTY CYCLE

PORTA.1

PORTA.2

PORTA.5

FANEN_LED

LED1 LED

D1 DUTY CYCLE

PORTA.1

PORTA.2

PORTA.5

FANEN_LED

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PORTA.5

FANEN_LED

LED1 LED

D1 DUTY CYCLE

PORTA.1

PORTA.2

PORTA.5

FANEN_LED

LED1 LED

D1 DUTY CYCLE

PORTA.1

PORTA.2

+5V R2 1K

FAN1

POWER/YELLOW

PWM / BLUE

FAN

TACH / GREEN

GND / BLACK

1

2

3

4

POWER - YELLOW

TACH - GREEN

GND - BLACK

PWM - BLUE

JP1

HEADER 8

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+5V

R2

1K

FAN1

POWER/YELLOW

PWM / BLUE

FAN

TACH / GREEN

GND / BLACK

1

2

3

4

POWER - YELLOW

TACH - GREEN

GND - BLACK

PWM - BLUE

JP1

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+5V

R2

1K

FAN1

POWER/YELLOW

PWM / BLUE

FAN

TACH / GREEN

GND / BLACK

1

2

3

4

POWER - YELLOW

TACH - GREEN

GND - BLACK

PWM - BLUE

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+5V

R2

1K

FAN1

POWER/YELLOW

PWM / BLUE

FAN

TACH / GREEN

GND / BLACK

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POWER - YELLOW

TACH - GREEN

GND - BLACK

PWM - BLUE

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+5V

R2

1K

FAN1

POWER/YELLOW

PWM / BLUE

FAN

TACH / GREEN

GND / BLACK

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POWER - YELLOW

TACH - GREEN

GND - BLACK

PWM - BLUE

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+5V

R2

1K

FAN1

POWER/YELLOW

PWM / BLUE

FAN

TACH / GREEN

GND / BLACK

1

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4

POWER - YELLOW

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