

1 2 3 4 5 6 7 8

A

POWER MODULE

B

POWER_JACKPOWER_JACK_SLOT_NO_SILK_OVRHNG

J1

10UF

U1 R-78E5.0-1.0

VCC

GND

MICROCONTROLLER MODULE

C

VCC

10K

0.1UF

DTR

U2

PC6(/RESET)

PC0(ADC0)

PC1(ADC1)

PC2(ADC2)

PC3(ADC3)

PC4(ADC4/SDA)

PC5(ADC5/SCL)

AVCC

VCC

AREF

PB6(XTAL1/TOSC1)

PB7(XTAL2/TOSC2)

PD0(RXD)

PD1(TXD)

PD2(INT0)

PD3(INT1)

PD4(XCK/T0)

PD5(T1)

PD6(AIN0)

PD7(AIN1)

PB0(ICP)

PB1(OC1A)

PB2(SS/OC1B)

PB3(MOSI/OC2)

PB4(MISO)

PB5(SCK)

328P

8*2

GND

SPST

MOMENTARY-SWITCH-SPST-PTH-6.0MM

22PF

Y1

16MHz

C3

LED1

220E

D12

D13

D8

D9

D10

D11

D12

D13

JUMPERS AND PROGRAMMING

D

E

JP1

DTR 1

RX 2

TX 3

GND 4

VCC 5

JP2

A0 1

A1 2

A3 3

A4 4

A5 5

A6 6

JP3

RX 1

TX 2

D2 3

D3 4

D4 5

D5 6

D6 7

D7 8

JP4

D8 1

D9 2

D10 3

D11 4

D12 5

>CNAME	G.saimani	
Arduino		
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D1

D0

A0

A1

A2

A3

A4

A5

RX

TX

DTR

VCC

GND

JP1

JP2

JP3

JP4

1

2

3

4

5

6

7

8

1

2

3

4

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7

8

1

2

3

4

5

6

7

8

1

2

3

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6

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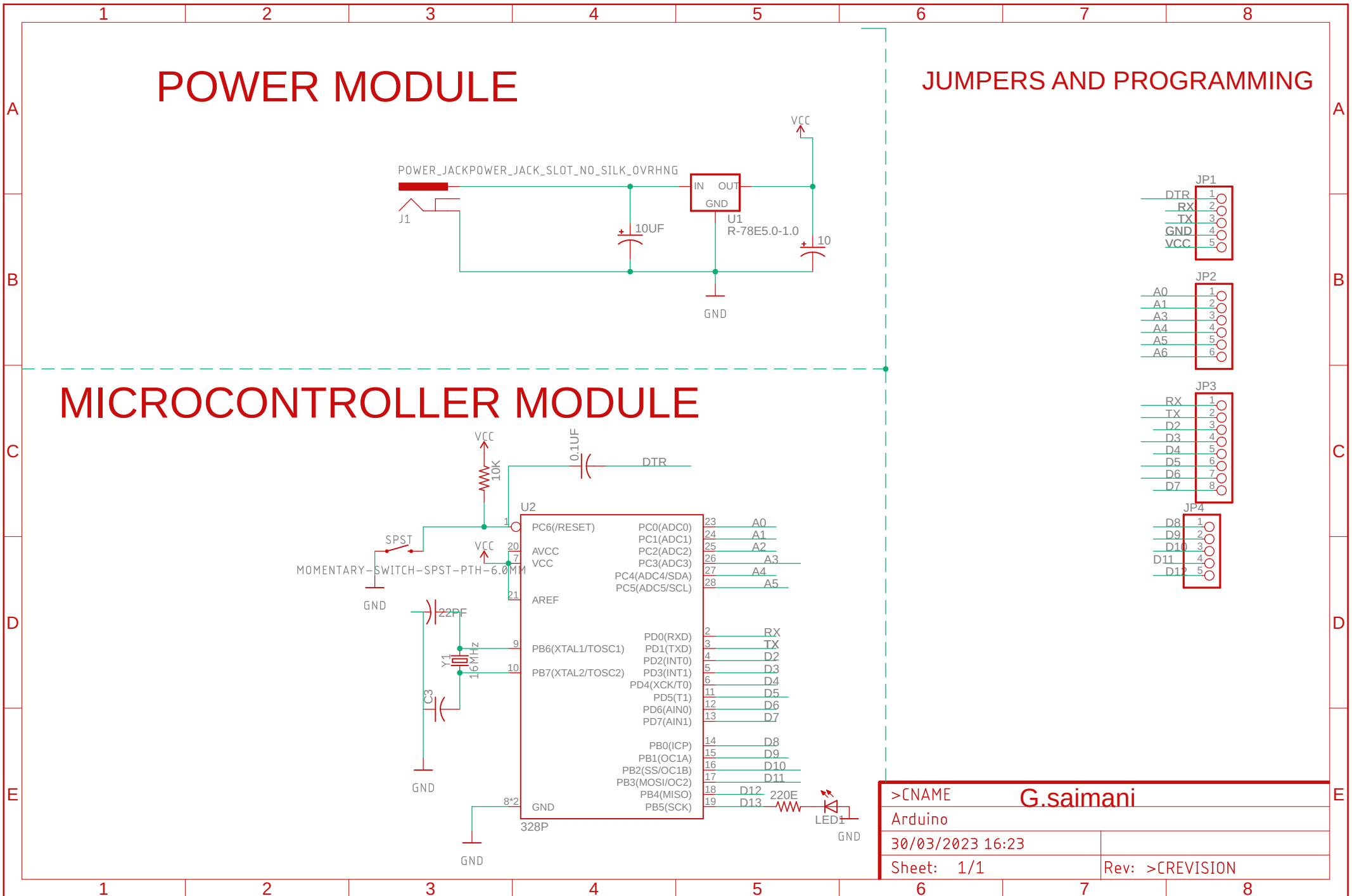
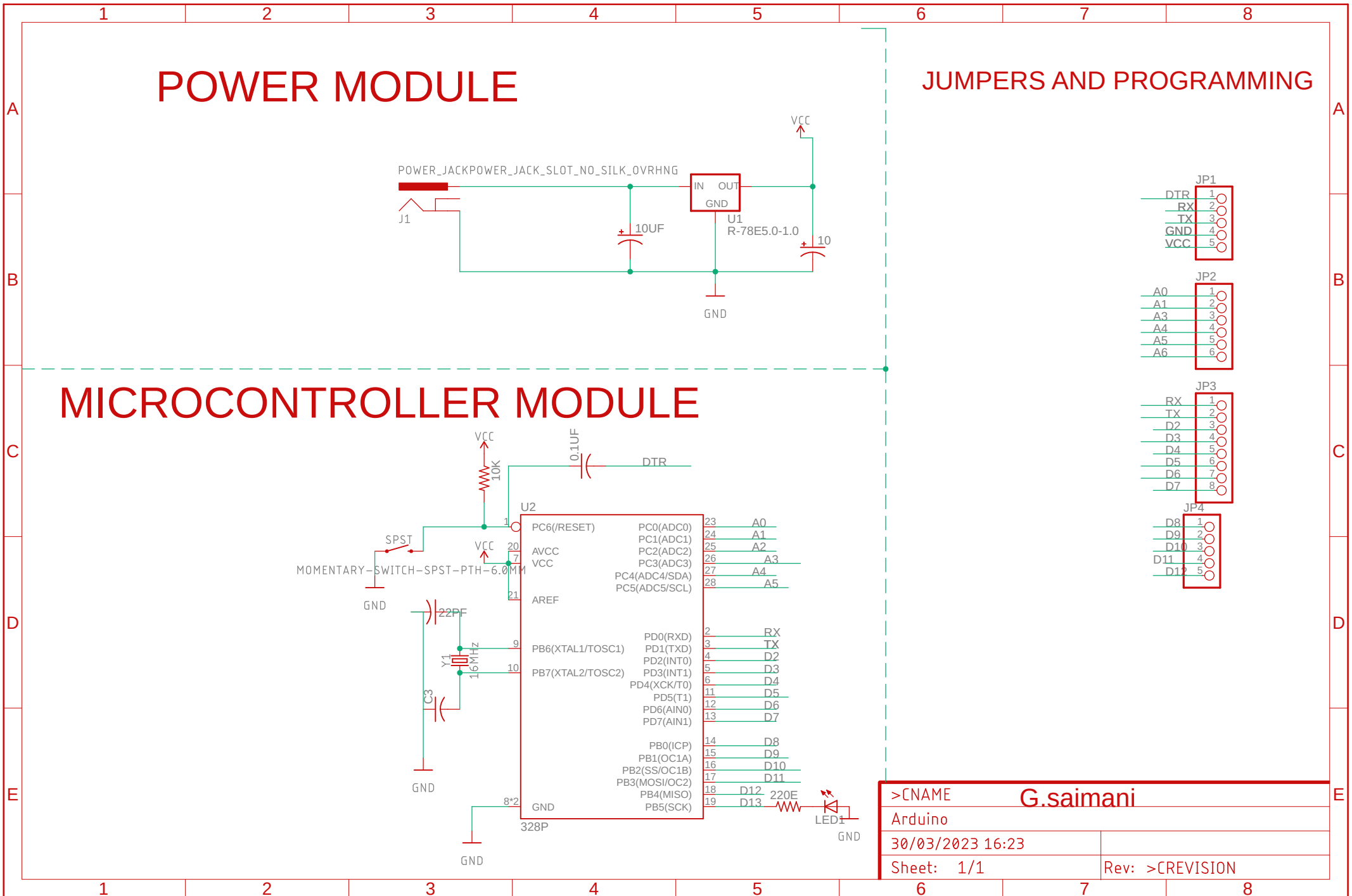
8

D

E

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D5 6

D6 7

D7 8

JP4

D8 1

D9 2

D10 3

D11 4

D12 5

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