

deal w/ 3 external ints
UART, PS4BT, TIMER

PIT

UART, 0x4400

.set UART, 0x4400

.set

UART, 0x4400

.set UART, 0x4400

.set

UART, 0x4400

.set UART, 0x4400

.set

UART, 0x4400

.set UART, 0x4400

.set

UART, 0x4400

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UART

UART, 0x4400

UART, 0x4400

UART, 0x4400

UART

UART, 0x4400

UART, 0x4400

UART, 0x4400

UART controller

UART PS4BT

UART PS4BT

UART PS4BT

UART PS4BT

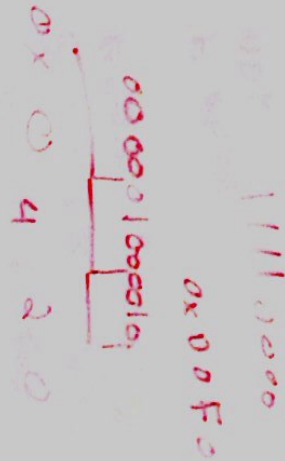
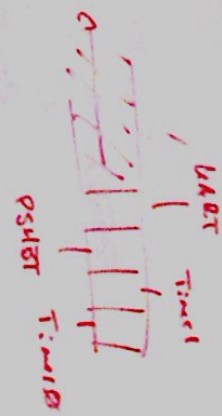
UART PS4BT

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UART PS4BT

UART PS4BT

UART PS4BT

UART PS4BT

Set address 0x00000000

li \$a, 2x5

li \$3, 0x4096

mtc1 \$3,

\$1, \$10, 0

\$1, \$11, 0

\$1, \$12, 0

loop:

lewu \$r8, 0(\$r2)

add \$r10, \$r28, \$r10

add \$r11, \$r29, \$r11

add \$r12, \$r30, \$r12

add \$r13, \$r31, \$r13

addi \$r2, \$r2, 16 (4 words)

to ME loop

divw \$r10, \$r10, \$r3

divw \$r11, \$r11, \$r3

divw \$r12, \$r12, \$r3

divw \$r13, \$r13, \$r3

1SET LED1 0x8260
1SET LED2 0x8261
1SET LED3 0x8262
1SET LED4 0x8263
1SET LED5 0x8264

[illegible]

L1 RO O

STB

L/S R2 LED1

L15 R3, LEO2

[illegible]

L15 R6, L50

STW RO, 4LR

$$STW \quad PO, \quad 4(1)$$

STA, RO, 4(LR)

5723 RC, 44

of 2,000,500

L15, R10, 10TC

215 R11, UNRT.

$L_{W2} R_1, PR(R_2)$

And: $R_1, R_1, C \times 8$
 $\Delta C \approx 15 \mu$

15/12/20

$$R_1, L_1, R_1, O \times S$$

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STAT R1, USTAT(R3I
LWZ R1, USTAT(R3I
ADDI R1, R1, 0X1

```

2562852 valid

Heckel

21/08/17

STW R1, 1PRCK

1681

oxc

STW R' 1AR

LI R1 Ox6

STW R1 ME

WATER

5

2021/11/10 (Sat)

15i

10

1

1

10

1000



0x00000000
 L1 R1, 0x5000
 L1 R5, 5
 b1 push

HERE! NOP
 b HERE

PUSH: MFLR R31
 STMW R29, 0(R1)
 ADDI R1, R1, -12
 ADDI R5, R5, -1
 CMPL 1, 0, R5, 0
 BT 6, POP
 b1 push

POP: LMMW R29, 0(R1)
 ADDI R1, R1, 12
 MTLR R31
 LR

