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1  // UART0 Library
2  // Jason Losh
3
4  //-----
5  // Hardware Target
6  //-----
7
8  // Target Platform: EK-TM4C123GXL
9  // Target uC:      TM4C123GH6PM
10 // System Clock:   -
11
12 // Hardware configuration:
13 // UART Interface:
14 //   U0TX (PA1) and U0RX (PA0) are connected to the 2nd controller
15 //   The USB on the 2nd controller enumerates to an ICDI interface and a virtual COM port
16
17 //-----
18 // Device includes, defines, and assembler directives
19 //-----
20
21 #ifndef UART0_H_
22 #define UART0_H_
23
24 //-----
25 // Subroutines
26 //-----
27
28 void initUart0();
29 void setUart0BaudRate(uint32_t baudRate, uint32_t fcyc);
30 void putcUart0(char c);
31 void putsUart0(char* str);
32 char getcUart0();
33 bool kbhitUart0();
34
35 #endif
36

```