

# TI-RSLK

Texas Instruments Robotics System Learning Kit



TEXAS INSTRUMENTS



# Module 20

Quiz: Wi-Fi



## Quiz: Wi-Fi

### Q1 TI-RTOS

In a standard RTOS application

- a) You have a choice of compilers, which option is more efficient?
- b) Which function is required to start the RTOS kernel?
  - **BIOS\_Start();**
- c) Write a function that will print out the string "hello test" to UART
  - **Board\_initUART();**
  - **int UART\_write(UART\_Handle handle, Const void \*buffer, size\_t size);**

### Q2 Wi-Fi

In a typical Wi-Fi application

What is the difference between UDP and TCP? Which option is more efficient?

One Wi-Fi mode that was not discussed in the lab was peer to peer mode also known as Wi-Fi direct. What are the two more common modes?

### Q3 Wi-Fi

What is the procedure for connecting to a website using TCP sockets?

### Q4 Fundamentals of SPI

Consider the MSP432 CC3120 interface from lab.

Write a function that will trigger the Wi-Fi and create an interrupt based on push button input.

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