

The image shows a detailed PCB layout for the AIoT DaaN board. The central component is the Sipeed MAIX-I WIFI module (U1), which is a large black square with the 'AIoT DaaN' logo. Surrounding it are various connectors and components. At the top, there's a header with pins labeled 5V, DD1, DD3, DD5, DD7, LD1, LD3, LD5, LD7, GND, and RESET. Below this is a row of 10 pins labeled J4. To the right of J4 is a circular component K1. Below K1 is a 22uF capacitor (C4). At the bottom right, there's a USB2 port and a USB1 port. The bottom edge has a header with pins labeled 5V, DD0, DD2, DD4, DD6, LD0, LD2, LD4, LD6, and RST. Below this is a row of 10 pins labeled J3. To the left of J3 is a 22uF capacitor (C3). At the bottom left, there's a header with pins labeled 5V, DD1, DD3, DD5, DD7, LD1, LD3, LD5, LD7, GND, and RESET. Below this is a row of 10 pins labeled J1. To the left of J1 is a 22uF capacitor (C2). At the top left, there's a header with pins labeled 5V, DD0, DD2, DD4, DD6, LD0, LD2, LD4, LD6, and RST. Below this is a row of 10 pins labeled J2. To the left of J2 is a 22uF capacitor (C1). The board also features several other components, including resistors (R1, R2, R3, R4, R5, R6, R7), capacitors (C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17), and a microcontroller (U2 FT231XL-R). The board is labeled 'AIoT DaaN' in the center.