

20-82133 2.4GHz RX CIRCUIT DIAGRAM

The diagram illustrates the internal circuitry of a 20-82133 2.4GHz receiver, organized into four main sections labeled 1, 2, 3, and 4 at the top and bottom.

Section 1 (Left): This section contains the antenna input (ANT) and the microcontroller (U1: CK6C116F). The antenna is connected to the RFVDD pin (pin 2) of the microcontroller. The microcontroller's pins are connected to various components, including resistors (R1, R2, R3, R4, R5, R6, R7, R10, R14, R17, R18, R19, R20, R21, R22), capacitors (C1, C2, C3, C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16), and a motor (M1). The microcontroller's pins are also connected to a voltage divider (C1, C6) and a motor (M1).

Section 2 (Middle): This section shows the microcontroller's output pins connected to a motor (M2), a relay (RJ4), and a switch (SW1). The microcontroller's pins are connected to a motor (M2), a relay (RJ4), and a switch (SW1).

Section 3 (Right): This section features a motor (M2), a relay (RJ4), and a switch (SW1). The microcontroller's pins are connected to a motor (M2), a relay (RJ4), and a switch (SW1).

Section 4 (Far Right): This section includes a motor (M2), a relay (RJ4), and a switch (SW1). The microcontroller's pins are connected to a motor (M2), a relay (RJ4), and a switch (SW1).

The diagram also shows a battery (BAT 6.4V) and a ground connection (GND).