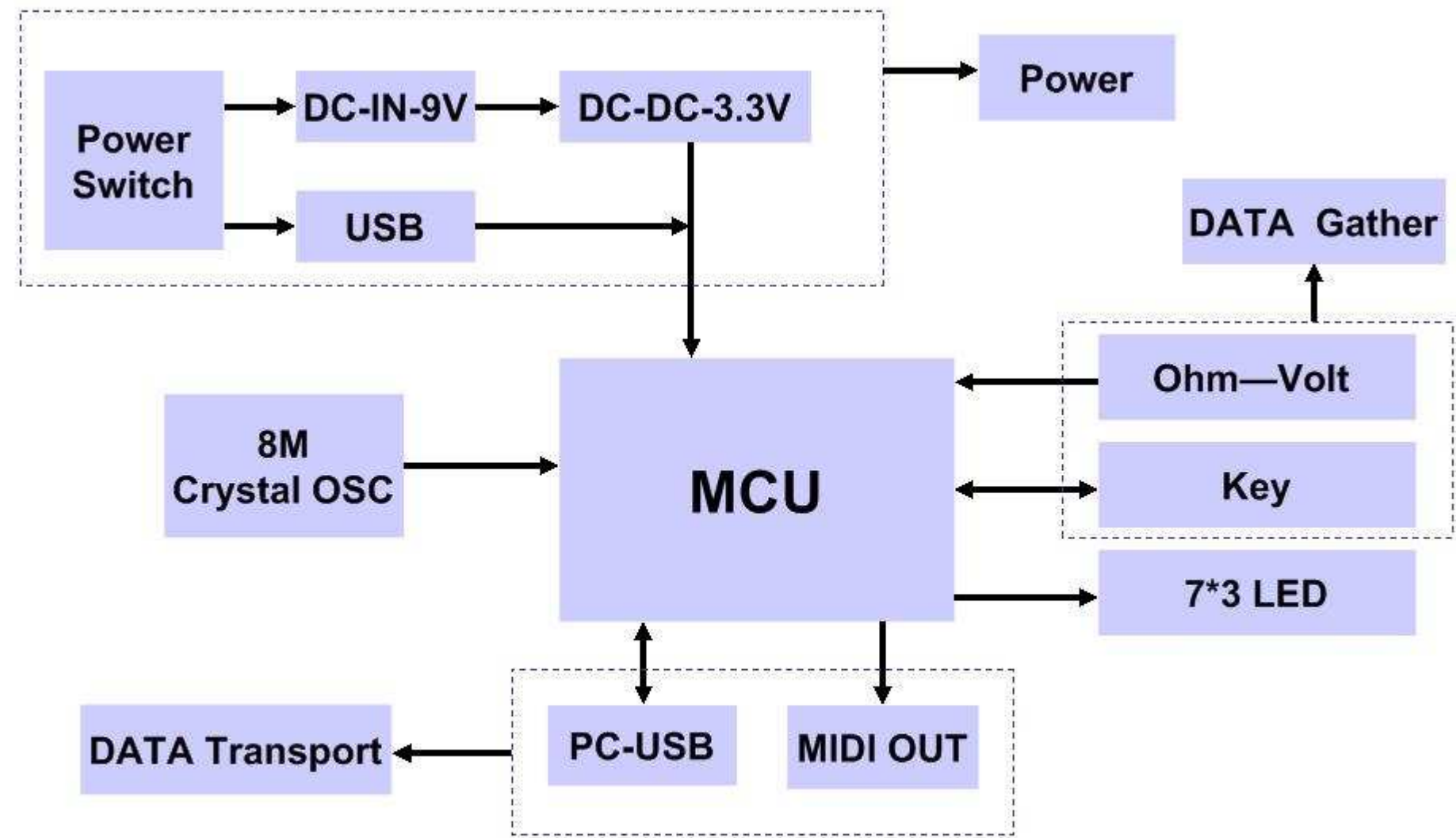


# ORIGIN SERIES Scale Block Diagram



**USB:** USB interface and supply DC5V power to the Scale.  
**Power Switch:** Trun on or off the power.  
**DC-IN-9V:** External input voltage 9V.  
**DC-DC-3.3V:** 3.3V voltage regulator.  
**8M Crystal OSC:** External input 8M crystal OSC.  
**Ohm-Volt:** Resistance into a voltage input MCU.  
**Key:** MCU read and write I/O port.  
**7\*3 LED:** Three 7-segment LED.  
**PC-USB:** USB Communication.  
**MIDI OUT:** MCU to send data to the MIDI OUT.  
**MCU:** Calculate the weight and send the data to PC via USB interface.