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Technial description of UVR138A

UVR138A is an Remote UV sensor. The MCU power on the UV sensor circuit, the UV Sensor will sense the UV strenght and convert to energy, and the photo transistor will biased by this energy, and the output voltage will input to a voltage comparator, then give out an analog voltage, the voltage will feed to the MCU analog port, MCU will based on the voltage to calculate the UV strenght, then display on the LCD and transmit the data to receiver unit through 433MHz.