|  |  |
| --- | --- |
| **Working Voltage** | 5V |
| **Working Current** | 15mA |
| **Working Frequency** | 40KHZ |
| **Max Range** | 4m |
| **Min Range** | 2cm |
| **Trigger Input SIgnal** | 10us TTL pulse |

HC-SR04

MEMS Mic

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | **Parameter** | **Min** | **Typical** | **Max** |
| **Vdd** | Supply voltage | 1.6V | 1.8V | 3.6V |
| **Idd** | Current in normal mode |  | 0.65mA |  |
| **IddPdn** | Current in power-down mode |  | 0.20mA |  |
| **So** | Sensitivity | -29 dBFS | -26 dBFS | -23 dBFS |
| **CLOCK** | Input clock frequency | 1 MHz | 2.4 MHz | 3.25 MHz |
| **TWK** |  |  |  | 10ms |
| **Viol(Iout=1mA)** | Low level logic input/output voltage | -0.3 V |  | (0.35 \* Vdd) V |
| **Vioh(Iout=1mA)** | High level logic input/output voltage | (0.65xVdd) V |  | (Vdd+0.3) V |