

## Goliath V1.0 Specifications



### Product specifications

Product Size	79.09mm X 76.62mm X 28.56mm
Indicators	PWR
Power Switch	Power Button
Communication Protocol	UART,
RoHS	Yes

### Technology specifications

Technology Specification	Parameter
Capacitor <sup>*</sup> Measure Range	1pF~10uF
Capacitor Measure Resolution	1pF
Capacitor Measure Accuracy	1%
Electrolytic Capacitor <sup>**</sup> Measure Range	10uF~100mF
Electrolytic Capacitor Measure Resolution	1uF
Electrolytic Capacitor Measure Accuracy	1%
Inductor <sup>***</sup> Measure Range	1nH~1H

Inductor Measure Resolution	1nH
Inductor Measure Accuracy	1%

Capacitor<sup>\*</sup> : include paper, plastic, glass, mica and ceramic capacitor.

Electrolytic Capacitor<sup>\*\*</sup> : include aluminum or tantalum plate with an oxide dielectric layer.

Inductor<sup>\*\*\*</sup> : include air core inductor and ferromagnetic core inductor.

## Recommended operating condition

Power supply voltage	9 VDC
Current consumption	100mA (MAX)
Input Voltage VH	2.7V (Min) 3.3V (Type) 3.6V(Max)
Input Voltage VL	-0.3V (Min) 0V (Type) 0.9V(Max)
Operation Temperature	20°C~60°C

## Revision History

Rev.	Description	Release date
v1.0	Initial version	2011-7-24