

Feature

- Output waveforms: Sine wave, Square wave, Sawtooth wave and Triangle wave
- Output amplitude: $\geq 9\text{Vp-p}$ (signal output, no load)
- Output impedance: $50\Omega \pm 10\%$
- DC offset: $\pm 2.5\text{V}$
- Display: LCD1602
- **Frequency range: 0.01Hz ~ 2MHz (UDB1002)**
- Frequency Resolution: 0.01Hz (10mHz)
- Frequency Stability: $\pm 1 \times 10^{-6}$
- Frequency accuracy: $\pm 5 \times 10^{-6}$
- **Sine wave distortion: $\leq 0.8\%$ (reference frequency is 1kHz)**
- Tringale linearity: $\geq 98\%$ (0.01Hz~10kHz)
- Rise and fall time of square wave: $\leq 100\text{ns}$
- Square Wave Duty range: 1%~99%

TTL Output Function

- **Frequency range: 0.01Hz ~ 2MHz (UDB1002)**
- Amplitude: $> 3\text{Vp-p}$
- Fan Out: > 20 TTL loads

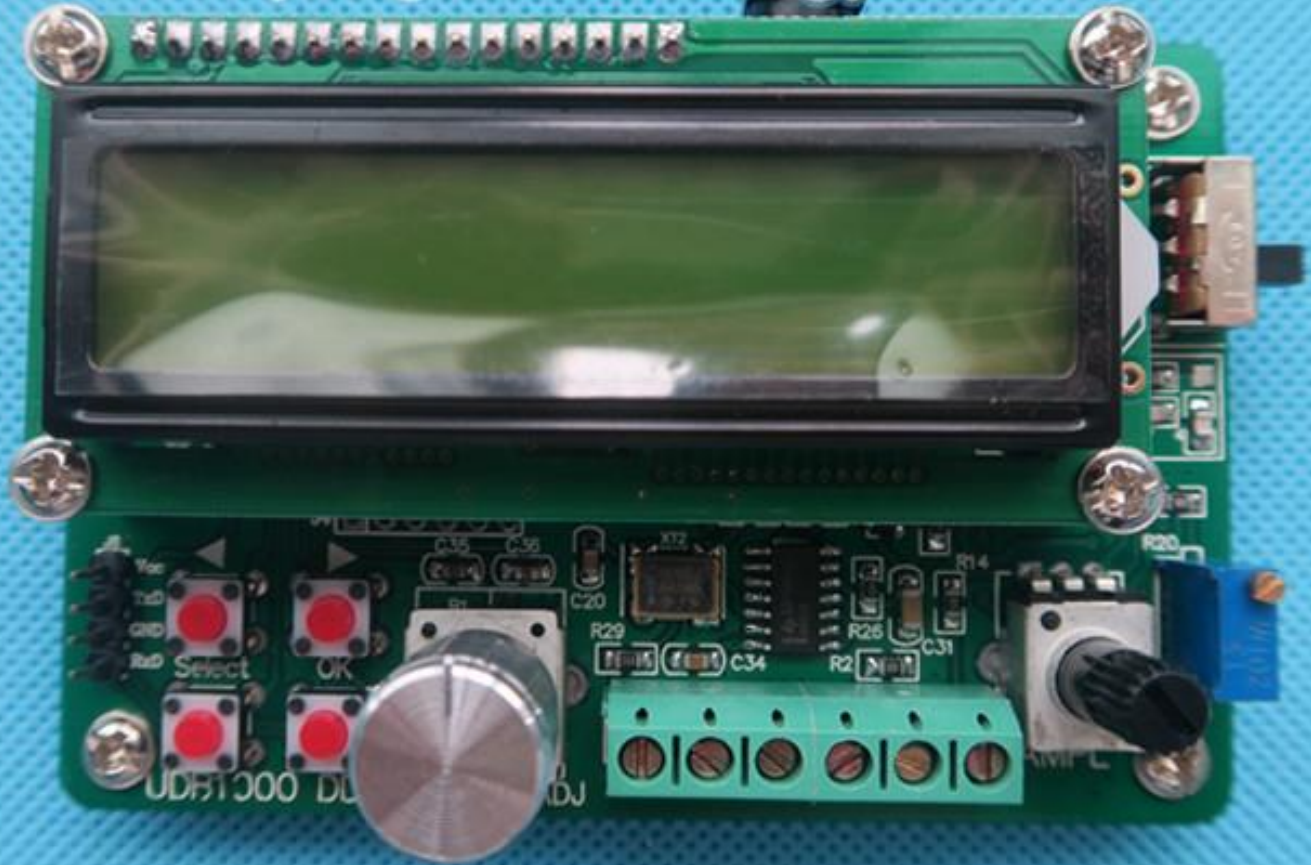
COUNTER Function

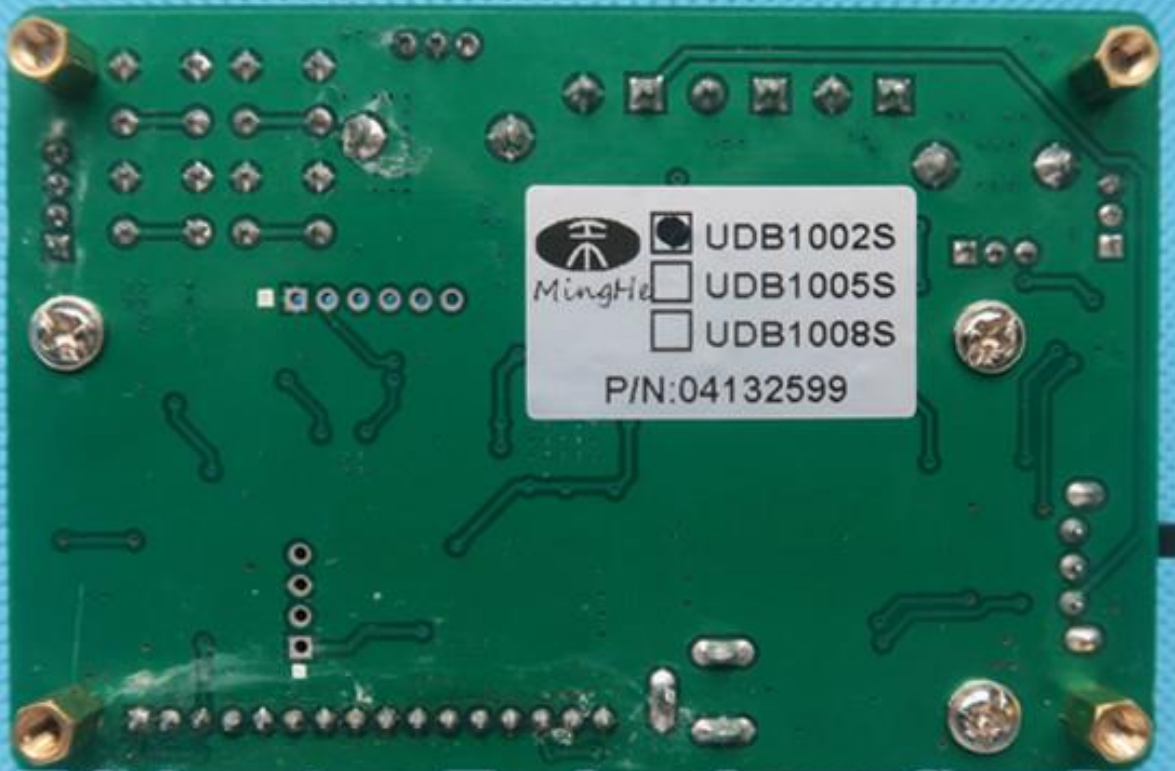
- **Counter Range: 0-4294967295**
- Frequency Meter Range: 1Hz~60MHz
- Input Voltage Range: 0.5Vp-p~20Vp-p

Package Content

- 1 x UDB1002 UDB1000 Series DDS Signal Source Module

EC-buying Technology Co., Ltd





 UDB1002S
MingHe UDB1005S
 UDB1008S
P/N:04132599

EC-buying Technology Co., Ltd