

**Product Name :**  
Logic Probe 50MHz TTL CMOS and Pulser

**Product Code :**  
CHINAELABC4430001



**Description :**

Logic Probe 50MHz TTL CMOS and Pulser

**Technical Specification :**

Sync input impedance ..1MW  
Pulse Rate .. 0.5 / 400Hz  
Pulse Width .. 10mS  
Output current .. 100mA sink / Source  
Square Wave Output Current .. 5mA sink / source  
Power Supply Range ..5 - 15V DC  
Power Supply Protection .. 20V DC (30 seconds max.)  
Sync Input Protection .. 120V DC (30 seconds max.)  
Test Point Protection .. 35V DC (30 seconds max.)

Maximum Input Signal Frequency ..50MHz  
Input Impedance ..120K  
Operating supply range ... 4V DC Minimum,  
18V DC Maximum  
TTL Logic "1" (Hi LED) ...  $>3.0 \pm 0.25V$   
Logic "0" (Lo LED)...  $>0.75 \pm 0.25V$   
CMOS : Logic "1" (Hi LED)..  $>60\%V_{cc} \pm 5\%$   
Logic "0" (Lo LED)..  $>15\%V_{cc} \pm 5\%$   
Minimum Detectable Pulse width... 10 Nanoseconds  
Maximum Signal Input Protection... $\pm 70V$  AC/DC  
(for 15 seconds)

---

Power supply protection...  $\pm 20V$  DC  
Pulse indicator Flash Time



**Engineering Lab China**