



TO302/TO304

Bandwidth	300MHz
Rise time	1.17ns
Real time sampling rate	1.5GSa/s 750MSa/s (optional sample rate 2GSa/s 1GSa/s)
Memory depth	18M/9M(optional max. memory depth 180M/90M)
Max capture rate	200,000wfms/s
Serial bus decode	UART/RS232/422/485, LIN, CAN, SPI, I2C,1553B, 429
Channels	2/4
Limited bandwidth	200MHz, 20MHz
Coupling	DC ,AC ,GND
Input impedance	1MΩ±1%≈15pF±3 pF
Input sensitivity range	2mV/div~5V/div
Vertical resolution	8 bit
Maximum input voltage	300V CAT III
Channel isolation voltage	1000V CAT II 600V CAT III
Max floating voltages between channels	1000V CAT II 600V CAT III
DC gain accuracy (typical)	2mV/div~10V/div, ±2.0%
Timebase range	200ps/div~1000s/div
Timebase delay range	-12div~12ks
Timebase accuracy	20ppm
Sample mode	normal, average, peak , envelop
Dynamic recording	≤2H
store waveform	4 ref waveform
Trigger type	edge, pulse, short pulse, logic , serial data (UART,LIN, CAN, SPI, I2C, 1553B, 429)
Trigger coupling	DC ,AC ,HF Rej, LF Rej, Noise Rej
Trigger mode	auto, normal, single

Trigger source	CH1,CH2,CH3,CH4
Trigger inhibition range	200ns~10s
Auto measurement types	31. measurements include: Period, Frequency, Delay, Rise Time, Fall Time, Positive Duty Cycle, Negative Duty Cycle, Positive Pulse Width, Negative Pulse Width, Burst Width, Phase, Positive Overshoot, Negative Overshoot, Peak to Peak, Amplitude, High, Low, Max, Min, Mean, Cycle Mean, RMS, Cycle RMS
Cursor types	vertical cursor, horizontal cursor, cross cursor
Operator	+ , - , * , /
FFT window settings	Rectangular, Hamming, Hanning, Blackman-Harris.
Display screen	10.1 inches TFT LCD capacitive touch screen
Resolution	1024*600
3D waveform display	not support
Grid of waveform display zone	18div*10div
Display mode	XY, YT, Roll
Persist	auto, 100ms~10s or ∞
Mini USB2.0	connect to PC
USB2.0	flash disk, mouse, button, wireless mouse
Measurement type	13 physical measurements ,such as voltage, current, resistance, capacitance, diode, temperature, frequency , etc.
Measurement accuracy	/
Measurement display	5
Logger content	/
Logger timebase	10us/div~2min/div
Logger time length	/
Adapter	input: 100-240V, 50-60Hz, 2A; output: 12VDC, 5A
Battery	7.4V/9000mAh, life length: 4~8h
Work environment	-20°C~+50°C operating humidity < 95%RH operating altitude < 3000m storage altitude < 12000m
Dimension	275*210*60mm
Weight	main unit: 1770g, accessories: 420g, battery:276g