Noise & Timing Analyzer Module

4034 Noise and Timing Analyzer Module (1~4CH)

4034-1 (1CH)

4034-2 (2CH)

4034 (4CH)

Features

- Set-up / Hold-up / Rise / Fall Time measurement
- Noise measurement：up to 20MHz
- Ripple measurement：0~100KHz
- Over-Shoot measurement：0~100KHz
- Dimming measurement：100KHz

Descriptions

- 4034-1 (1CH), 4034-2 (2CH), 4034 (4CH) can measure voltage noise and voltage and current ripple, and can be used for voltage and current overshoot measurement
- For time (Set-up / Hold-up / Rise / Fall Time) and dimming measurement, 4034-1, 4034-2, and 4034 are also ideal test equipment

Noise & Timing Analyzer

MODEL	4034-1	4034-2	4034
No. of Input Channel	1	2	4

Timing Measurement		**Ripple Measurement**	
Set-up/Hold-up/Rise/Fall Time		**Band Width**	0~100 KHz
Voltage range	0~80 / 600 Vdc	**Voltage range**	0~80 / 600 Vdc
Current range	*(1/4F.S.) / (F.S.) Adc	**Measurement range**	0~3.2 / 20 Vp-p
Timing range	1 Sec / 2 Sec / 4 Sec / 8 Sec / 16 Sec	Resolution	0.001 / 0.01V
Resolution	1μS / 2μS / 4μS / 8μS / 16μS	**Current range**	*(1/4F.S.) / (F.S.) Adc
Vth1/Vth2		**Measurement range**	*(1/8F.S.) / (1/2F.S.) Ap-p
Voltage range	5%~95% of reading	Resolution	0.001 / 0.01A
Resolution	0.1V / 1V , 0.001A / 0.01A	Accuracy	±5% of (Reading + Range)
Accuracy	±2% of (Reading + Range)	**Sampling Rate**	100KHz
Noise Measurement		**Update Rate**	50~1000 mS
Low Pass Filter	up to 20 MHz	Resolution	1mS
Voltage range	0.6 / 3Vp-p	**Dimming Measurement**	
Resolution	1mV	**Band Width**	100KHz
Accuracy	±2% of Reading + 5mV	**Current range**	*(1/8F.S.) / (1/2F.S.) Adc
Over Shoot Measurement		Resolution	0.001 / 0.01A
Band Width	0~100 KHz	Accuracy	±5% of (Reading + Range)
Voltage range	0~80 / 600 Vdc	**Sampling Rate**	100KHz
Measurement range	0~80 / 600 Vdc	**Update Rate**	50~1000 mS
Resolution	0.1 / 1Vdc	Resolution	1mS
Current range	*(1/4F.S.) / (F.S.) Adc	**Frequency range**	10Hz~35KHz
Measurement range	*(1/4F.S.) / (F.S.) Adc	Resolution	0.1Hz
Resolution	0.001 / 0.01A	Accuracy	±1% of (Reading + Range)
Accuracy	±5% OF (Reading + Range)	**Duty(Ton) Range**	3μS~90mS
Sampling Rate	100KHz	Resolution	1μS
Update Rate	50~1000 mS	Accuracy	±1% of (Reading + Range)
Resolution	1mS		

Note：F.S. Load Current range

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