

2280S

2280S

2280S-32-6 6A
32V 2280S-60-3 3.2A
60V

(TFT)

TFT

DMM 2280S 6
100μV (10A, 1A, 100mA, 10mA) 100nA 4
DMM

2280S Δ

2280S-32-6 32V, 6A
2280S-60-3 60V, 3.2A

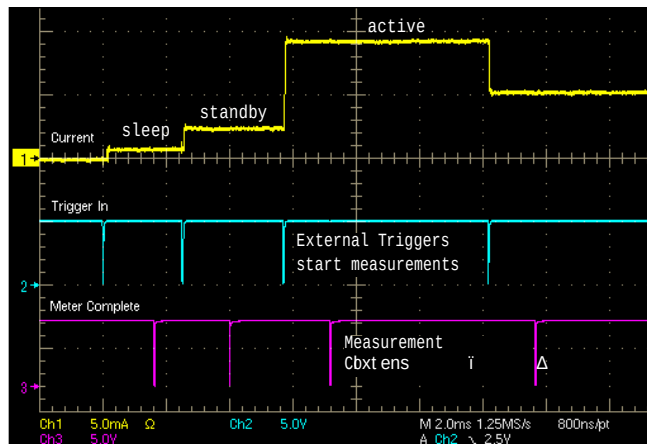
KickStart
CD
LAN

2280-001 CA-180-3A LAN
USB-B-1 USB 1A 1m (3.3 ft)
2450-TLINK Trigger Link 2280S I/O

4299-8 2U 26xx
4299-9 2U 24xx
4299-10 2U 2000

KPCI-488LPA IEEE-488.2 PCI
KUSB-488B IEEE-488.2 USB-GPIB

7007-05 IEEE-488 0.5m (1.6 ft)
7007-1 IEEE-488 1m (3.2 ft)
7007-2 IEEE-488 2m (6.5 ft)
7007-3 IEEE-488 3m (10 ft)
7007-4 IEEE-488 4m (13 ft)



2 t p 8"

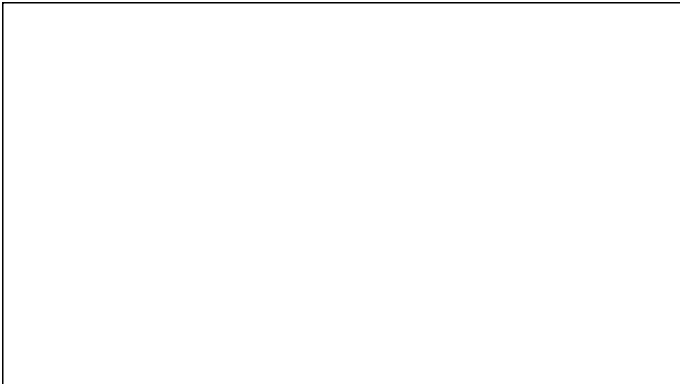
4.3 TFT

2280S

3 I 1 1 1
1 1 1 1 1

4 I 1 2280S Δ
H 1

2280S



5

2280S

10

60s

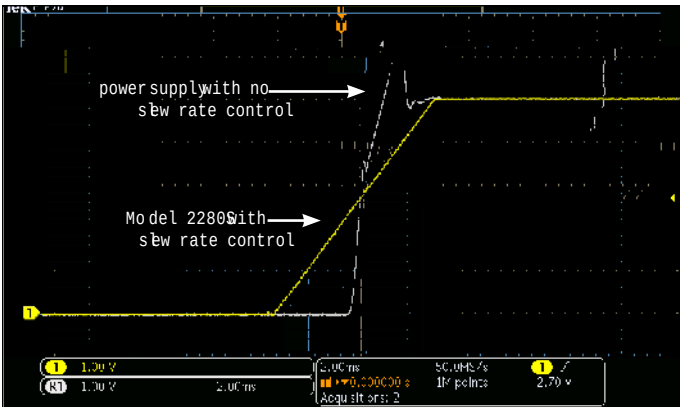
99

1ms

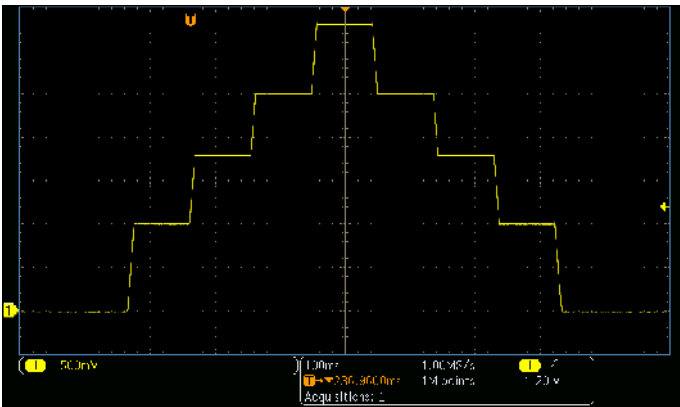
2280S

10V/s 100V/s
1000V/s

7A



6



7B

7A



2280S

2280S GPIB USB LAN
2280S USB
(TMC) LXI Core
LAN 2280S

www.keithley.com
LabVIEW™
IVI-C IVI-COM

23°C ±5°C 1			
		2280S-32-6	2280S-60-3
		0 ~32 V	0 ~60 V
		0 ~6 A	0 ~3.2 A
1			
		2280S-32-6	2280S-60-3
		± (0.02% + 3 mV)	± (0.02% + 6 mV)
		1 mV	1 mV
2 (0.5V)			
		2280S-32-6	2280S-60-3
		± (0.02% + 2 mV)	± (0.02% + 4 mV)
		0.1 mV	0.1 mV
		2280S-32-6	2280S-60-3
5½ (0.1 PLC)		0.21 mV	0.40 mV
4½ (0.01 PLC)		1.44 mV	2.7 mV
3½ (0.002 PLC)		7.60 mV	14.25 mV
		2280S-32-6	2280S-60-3
		±(0.01% + 2 mV)	±(0.01% + 2 mV)
		±(0.01% + 1 mV)	±(0.01% + 1 mV)
20Hz~20MHz		2280S-32-6	2280S-60-3
		< 1mV RMS	< 2mV RMS
		< 5mV -	< 7mV -
50% 100% 100% 50% : <50µs V-set 15mV。			
: : 10V/s 100V/s 3 1000V/ 100V/s			
: : 1V。			
HI LO : 2Ω			
		2280S-32-6	2280S-60-3
		6.1 A	3.3 A
		±(0.05% + 5 mA)	±(0.05% + 5 mA)
		0.1 mA	0.1 mA
4 (120% 10A)			
		2280S-32-6	2280S-60-3
10 mA		10 nA	±(0.05% +10 µA)
100 mA		100 nA	±(0.05% +10 µA)
1 A		1 µA	±(0.05% + 250 µA)
10 A		10µA	±(0.05% + 250 µA)

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2280S-32-6-EW	1	4
2280S-32-6-5Y-EW	3	
	2	5
C/2280S-32-6-3Y-STD	3	3
C/2280S-32-6-3Y-DATA		
	3	3
	ANSI-Z540-1	(
C/2280S-32-6-3Y-1702		)
	3	3
	17025	(ISO
C/2280S-32-6-5Y-STD		)
	5	5
C/2280S-32-6-5Y-DATA		
	5	5
	ANSI-Z540-1	(
		)
C/2280S-32-6-5Y-1702		
	5	5
	17025	(ISO
		)
2280S-60-3-EW	1	4
2280S-60-3-5Y-EW	3	
	2	5
C/2280S-60-3-3Y-STD	3	3
C/2280S-60-3-3Y-DATA		
	3	3
	ANSI-Z540-1	(
C/2280S-60-3-3Y-1702		)
	3	3
	17025	(ISO
C/2280S-60-3-5Y-STD		)
	5	5
C/2280S-60-3-5Y-DATA		
	5	5
	ANSI-Z540-1	(
		)
C/2280S-60-3-5Y-1702		
	5	5
	17025	(ISO
		)

(NPLC)		2280S-32-6	2280S-60-3			
5½ (0.1 PLC)	10 mA	5.0 µA	5.0 µA			
	100 mA	20 µA	20 µA			
	1 A	80 µA	80 µA			
	10 A	2.0mA	2.0mA			
4½ (0.01 PLC)	10 mA	20 µA	20 µA			
	100 mA	40 µA	40 µA			
	1 A	500 µA	500 µA			
	10 A	10mA	10mA			
3½ (0.002 PLC)	10 mA	30 µA	30 µA			
	100 mA	250 µA	250 µA			
	1 A	3.25mA	3.25mA			
	10 A	75mA	75mA			
5		2280S-32-6	2280S-60-3			
(10mA 100mA) ⁶		2 ms	2 ms			
(1A 10A) ⁶		140 µs	140 µs			
		0.5 ms	0.5 ms			
		2280S-32-6	2280S-60-3			
		±(0.01% + 0.25 mA)	±(0.01% + 0.25 mA)			
		<0.01% ± 0.25 mA	<0.01% ± 0.25 mA			
		2280S-32-6	2280S-60-3			
20Hz–20MHz		< 3mA RMS	< 3mA RMS			
		2280S-32-6	2280S-60-3			
		0.45 A ±15%	0.45 A ±15%			
		2280S-32-6	2280S-60-3			
		(V+I)	(I V)			
(/s)		(NPLC)				
PC	Read	6½ (5 PLC)	2.0 (1.5) ⁹	5.4 (4.5)	2.5 (2.3)	9.0 (8.5)
		6½ (1 PLC)	9.0 (8.0)	20 (18)	11.5 (9.5)	30.0 (28)
		5½ (0.1 PLC)	48 (38)	50 (48)	50.0 (48.0)	95.0 (85.0)
2280s	*TRG 1s	4½ (0.01 PLC) ⁷	680 (646)		1915 (1820)	
		3½ (0.002 PLC) ⁸	845 (833)		2668 (2650)	

CV-CC (V-Set = 5V, I-limit = 0.5A, 25Ω 2.5Ω): 2.4ms
 CC-CV (V-Set = 5V, I-limit = 0.5A, 2.5Ω 25Ω): 1.1ms
 (): 10ms ()
 / (): 5ms ()
 : < 1.5m

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