

# Typical time delay between waveform selections for an SDG1X

August 06, 2019

Here is the typical amount of elapsed time in ms between waveform types for the SIGLENT SDG1000X series of arbitrary function waveform generators (Firmware revision: **1.01.01.33R1 Release Date 02.26.19** )

Waveform Type	Sine	Square	Pulse	Ramp	Noise	DC	Arb (DDS)	Arb (Truearb)
Sine	X	35.8	16.6	43.5	0	22.5	34.8	35.4
Square	34.5	X	16.2	44.19	9.9	32	35.1	36
Pulse	34.8	36.4	X	34.4	10.28	32	24.7	26.2
Ramp	34.9	36.2	5.6	X	10.3	34.6	24.4	27
Noise	24.5	36.5	16.6	44.4	X	42.5	36.9	35.6
DC	46.4	25.6	16.5	42.2	40.2	X	33	33
Arb (DDS)	35.2	36	5.8	34.8	10.7	28.4	X	25.4
Arb (Truearb)	34.5	35.4	6.2	10.6	10.6	31.4	25.4	X



### **North American Headquarters**

SIGLENT Technologies America, Inc  
6557 Cochran Rd Solon, Ohio 44139  
Tel: 440-398-5800  
Toll Free: 877-515-5551  
Fax: 440-399-1211  
[info@siglent.com](mailto:info@siglent.com)  
[www.siglentamerica.com/](http://www.siglentamerica.com/)

### **European Sales Offices**

SIGLENT TECHNOLOGIES EUROPE GmbH  
Staetzlinger Str. 70  
86165 Augsburg, Germany  
Tel: +49(0)-821-666 0 111 0  
Fax: +49(0)-821-666 0 111 22  
[info-eu@siglent.com](mailto:info-eu@siglent.com)  
[www.siglenteu.com](http://www.siglenteu.com)

### **Asian Headquarters**

SIGLENT TECHNOLOGIES CO., LTD.  
Blog No.4 & No.5, Antongda Industrial Zone,  
3rd Liuxian Road, Bao'an District,  
Shenzhen, 518101, China.  
Tel: + 86 755 3661 5186  
Fax: + 86 755 3359 1582  
[sales@siglent.com](mailto:sales@siglent.com)  
[www.siglent.com/ens](http://www.siglent.com/ens)