# Typical time delay between waveform selections for an SDG1X

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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 |

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