

How to Upgrade a Rigol 1054Z ‘Scope

These notes describe how to “upgrade” a Rigol DS1054Z oscilloscope from its nominal 50 MHz bandwidth to 100 MHz (as well as how to unlock several other features).

1. Determine the scope’s serial number in the **Utility > System > Info** menu
2. Visit <http://www.gotroot.ca/rigol/riglol/>
3. Enter the serial number
4. Under “Options” enter the upgrade option you would like
 - a. Code **DSFR** unlocks all of the available options, but supposedly one of these (the 500 uV/div option) is buggy
 - b. Code **DSEF** unlocks all options aside from the 500 uV/div option
5. Generate the software upgrade key
6. On the scope, navigate through **Utility > Options > Setup > Editor ON** and enter the software upgrade key
7. Check that everything has been unlocked in the **Utility > Options > Installed** menu

Version history:
v1: 7/2017, BLA