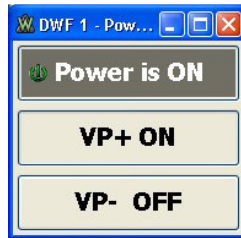
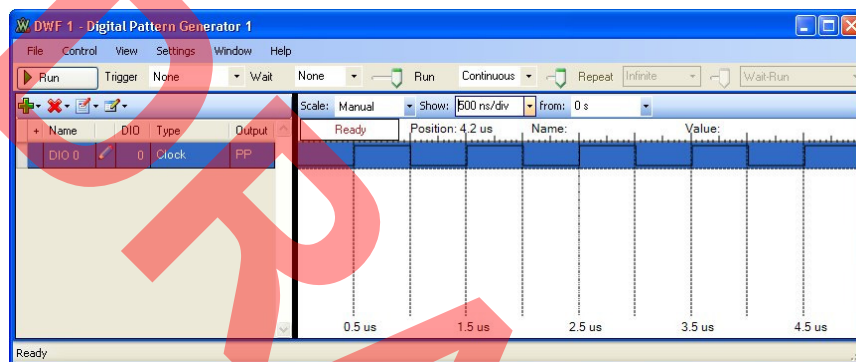


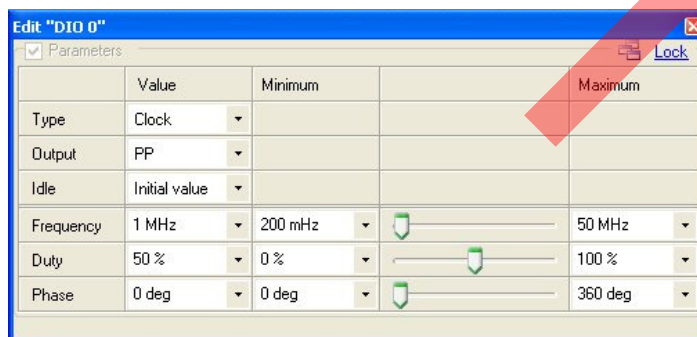
- 4) Open power supply control window and turn on VP+



- 5) Open up the Digital Patterns screen. Add a signal. Select DIO 0. Set the type to clock. You should see something that looks like the screen below. Lastly, hit the Run button.



- 6) Open the edit signal parameters window by clicking on the little blue pencil icon. Make sure the type is set to clock and the output is set to PP (push-pull). Set the frequency to 1MHz. With the Duty cycle set to 50% both LEDs should be on equally bright.



- 7) Adjust the duty cycle ( pulse width ) from 0% to 100% using the slider. At 0% the green LED should be completely off and at 100% the red LED should be completely off.
- 8) Congratulations – you have generated your first pulse width modulated clock with the Analog Discovery!