

Trialling the multifunctional square wave generator to be used to test circuitry and components of the VIC and steam resonator

<https://www.youtube.com/embed/QXMpBZp0xZU>

The screenshot shows the web interface for the 'ESP32 - Complex Waveform Generator V3'. The browser address bar shows the file path: `file:///home/cbake/Arduino/esp32-complex-waveform-generator-v3/WebApp/index.html`. The page title is 'ESP32 - Complex Waveform Generator V3'. At the top right, there are control buttons: 'QUERY' (green), 'Pause' (blue), 'Retry' (blue), and 'Reset' (red). Below the title, there is a navigation bar with 'StansLegacy.com' and links for 'Tutorial', 'Updates', 'Driver Circuits', and 'Pinout'. The main interface is divided into several sections:

- Summary:** A table of key parameters:

Total Pulse Width:	310.0 uS	Channel 1	Channel 2	Operational Mode	Wave Mode
Total Pulse Space:	1400.0 uS	<input type="button" value="Invert 1"/>	<input type="button" value="Invert 2"/>	Independent	TTL Pulses
Frequency:	0.585 kHz	<input type="button" value="Randomize 1"/>	<input type="button" value="Randomize 2"/>	Train	Pulse
Pulse Period:	1,710 uS			Periodic	Periodic
Train Frequency:	0.042 kHz				Sync Mode
Train Period:	23,680 uS				Variable Off
- Channel 1 Settings:** Width: 62 uS, Width Modifier: x5, Width Elongation: x1.35. Includes a 'Reset' button.
- Channel 2 Settings:** Spacing: 70 uS, Spacing Modifier: x20, Spacing Elongation: x1. Includes a 'Reset' button.
- Global Settings:** Pulse Count: 8, Gate Offtime: 1000 uS, Gate Offtime Modifier: x10. Includes a 'Reset' button.



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