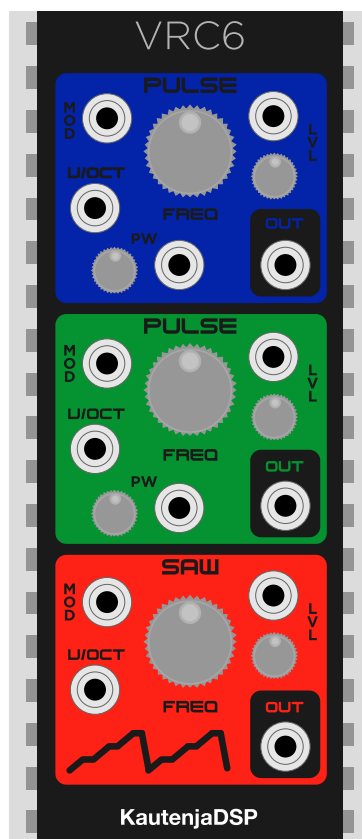


VRC6



KautenjaDSP

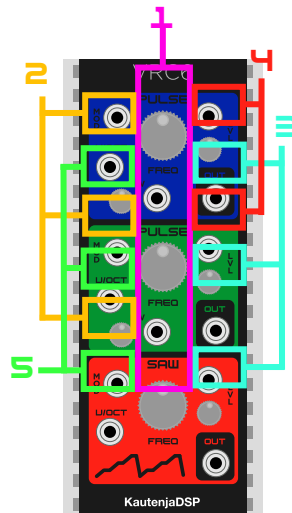
1 Overview

VRC6 is an emulation of the Konami VRC6 sound chip from the Nintendo Entertainment System (NES) for VCV Rack. The VRC6 chip contains two square wave generators, and a quantized saw wave generator.

VRC6 provides the key features of the VRC6 chip, namely,

- **Dual square wave generator:** Dual 8-bit square waves with nine duty cycles: 6.25%, 12.5%, 18.75%, 25%, 31.25%, 37.5%, 43.75%, 50%, and 100%;
- **Quantized saw wave generator:** Generate NES style saw wave with variable quantization;
- **Amplitude modulation:** Manual and CV control over the individual voice levels

2 Panel Layout



References & Acknowledgments

Green, S. (2003). Nes_Snd_Emu. <http://www.slack.net/~ant/libs/>.