

[illegible]

The circuit diagram illustrates a 3.3V USB DAC. It features a PIC16F690T microcontroller (U1) interfaced with a USB. The PIC is powered by a 3.3V supply and has its I/O pins connected to a DAC IC (IC1B, TL072P) and a stereo output stage. The output stage consists of two NE5532N op-amp buffers (IC4A, IC4B) and two NE5532N op-amp drivers (IC3A, IC3B). The DAC output is connected to a 10kΩ resistor network (R17, R18) and a 100nF capacitor (C25). The output stage uses a 10kΩ resistor network (R19, R20) and a 100nF capacitor (C26) to drive the stereo output. The circuit also includes a 3.3V regulator (IC1A, 78L05) and a 100nF capacitor (C13) for power supply decoupling. The output is connected to a 3.3V supply and a 100nF capacitor (C13) for power supply decoupling.

The image contains two circuit diagrams for the V11 Synthesizer. The top diagram shows the input stage, featuring a U83 op-amp, a 7414N Schmitt trigger, and a 6N137 optoisolator. The bottom diagram shows the output stage, featuring a 7414N Schmitt trigger and a U86 op-amp. Both diagrams include power supply connections for 5V and GND, and a label for MIDI connection female support.