

The diagram illustrates a 14-channel audio attenuator circuit, organized into four main functional blocks: INPUT SELECT, ATTENUATOR, MUTE, and OUTPUT.

**INPUT SELECT:** This section handles the input signals. It includes two RCA inputs (RCA-1 and RCA-2) and two AUX inputs (AUX-1 and AUX-2). Each input channel uses a 2N7002 MOSFET (Q1-Q14) to select between the inputs. The circuit is powered by a 5V supply and includes various passive components like resistors and diodes.

**ATTENUATOR:** This section provides the attenuation levels for each channel. It consists of 14 channels, each with a 2N7002 MOSFET (Q1-Q14) and a series of resistors (R9-R36) to provide attenuation levels of -32db, -16db, -8db, -4db, -2db, -1db, and -0.5db.

**MUTE:** This section controls the mute function. It uses a 2N7002 MOSFET (Q14) to mute the signal.

**OUTPUT:** This section provides the common output for all channels. It includes a 2N7002 MOSFET (Q14) and a series of resistors (R38-R41) for output load correction.

The circuit is powered by a 5V supply and includes various passive components like resistors and diodes. The output is labeled "Output Load Correction".

Note:  
Inputs on small riser PCB

