

### 12.14 POWER AMPLIFIER ASSEMBLY (AWH-048)

The schematic diagram illustrates the Power Amplifier Assembly (AWH-048). The circuit is organized into four horizontal sections (A, B, C, D) and four vertical sections (1, 2, 3, 4). The power supply section at the top provides a 70V input and a -70V output, regulated by a 250555x2 IC. The main signal path includes a 250610 IC, a 25044A IC, a 25089A IC, and a 250630 IC. The output stage is a push-pull arrangement using 250555x2 and 250600x2 ICs. The circuit is populated with numerous resistors (R1-R47), capacitors (C1-C16), and diodes (D1-D5). A 25033H IC is also present. The assembly is labeled with 'NO-LOAD' at the input and output. The schematic is divided into four horizontal sections labeled A, B, C, and D, and four vertical sections labeled 1, 2, 3, and 4.