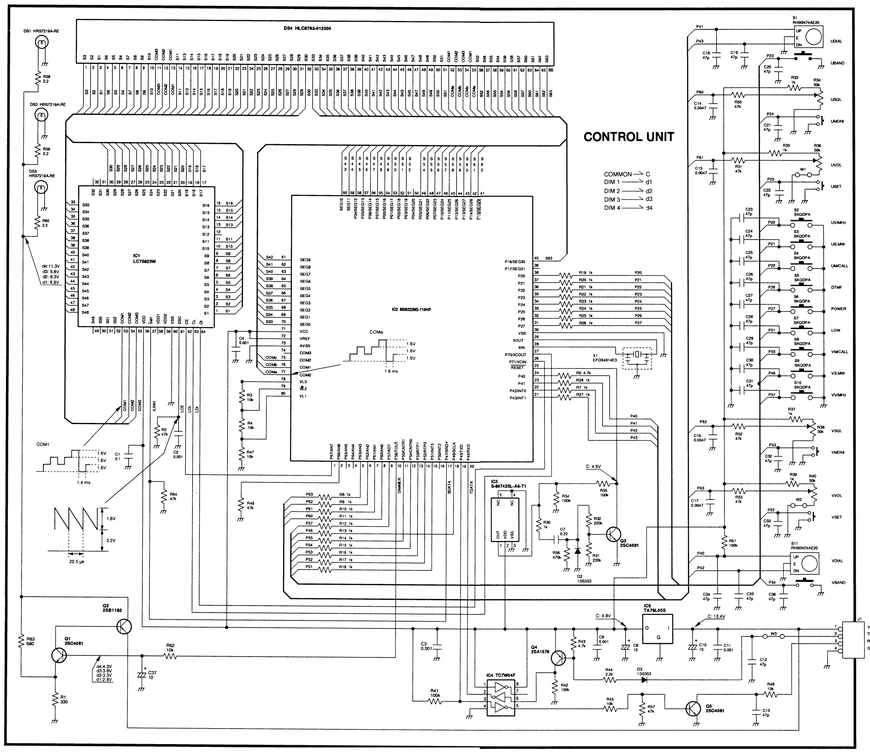SECTION 12 VOLTAGE DIAGRAMS