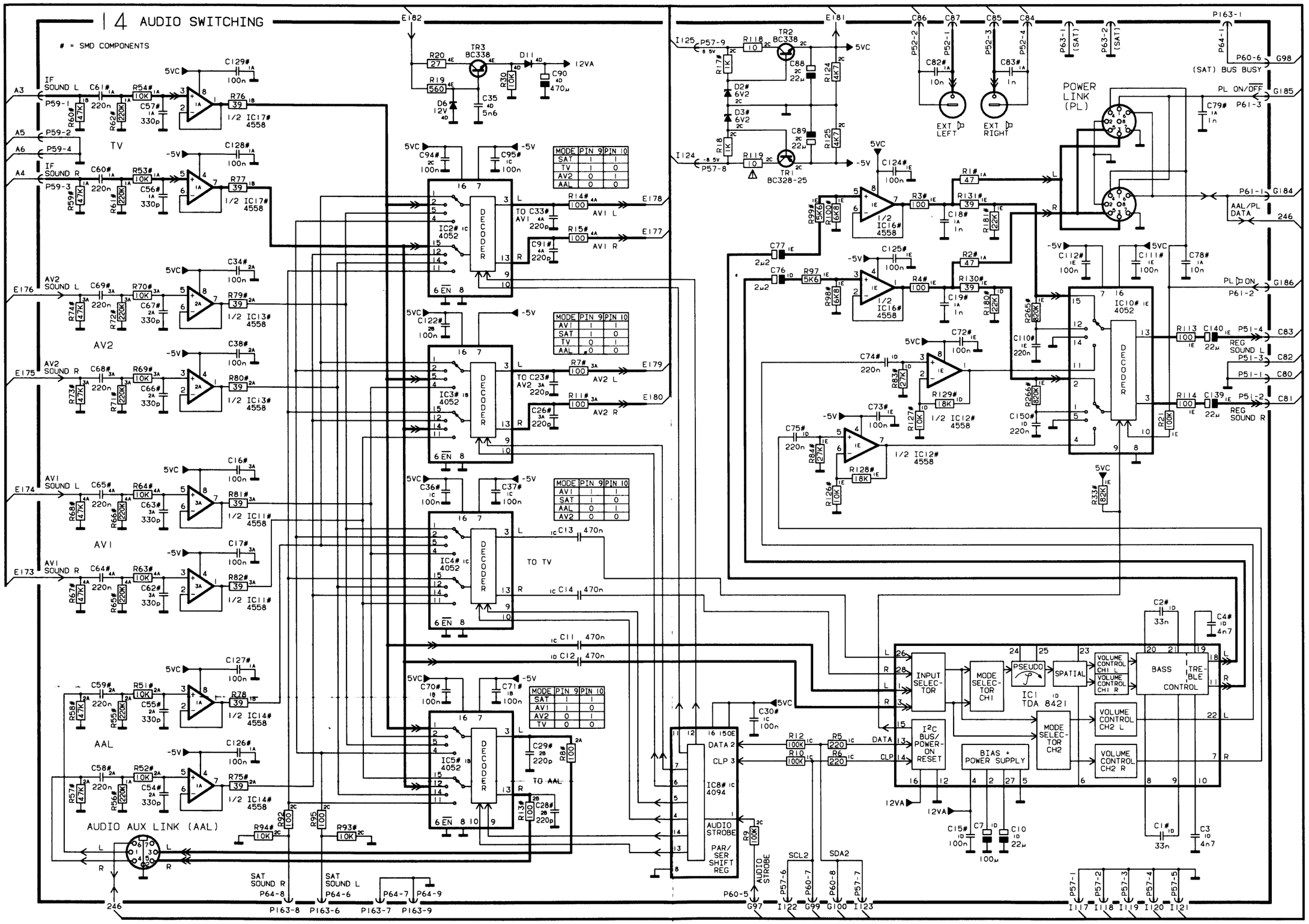DIAGRAM D SOUND SWITCHING & CONTROL