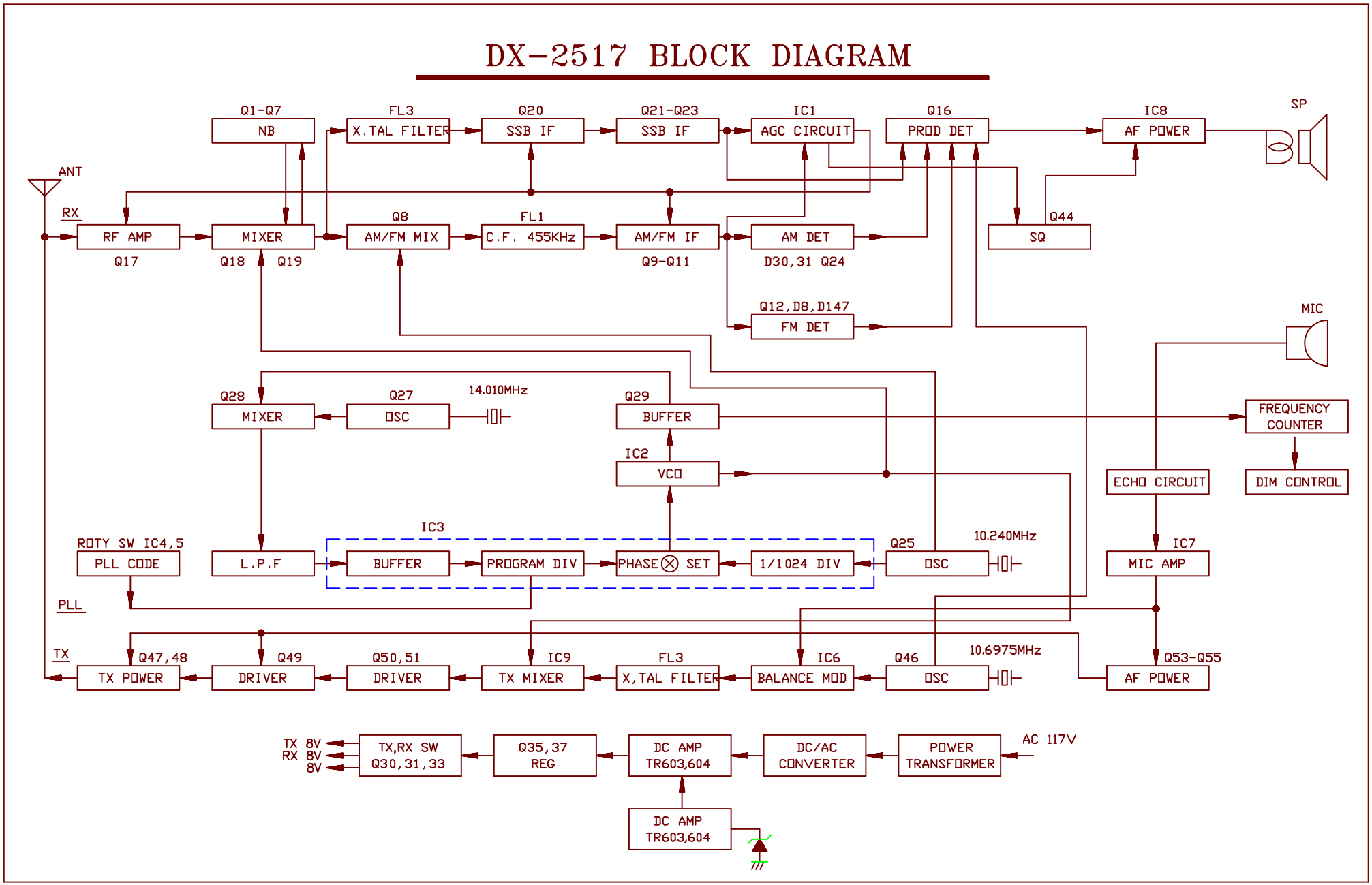DX-2517 BLOCK DIAGRAM