

The schematic diagram illustrates the power supply section of a radio receiver. It begins with a power transformer (T1001) having 14 primary and secondary taps. The primary is connected to a 125V/1.6A fuse (F1001) and a line filter (L1001). The secondary taps are connected to various components:

- Tap 1:** Connected to the primary of a full-wave rectifier (D1001).
- Tap 2:** Connected to the primary of a full-wave rectifier (D1001).
- Tap 3:** Connected to the primary of a full-wave rectifier (D1001).
- Tap 4:** Connected to the primary of a full-wave rectifier (D1001).
- Tap 5:** Connected to the primary of a full-wave rectifier (D1001).
- Tap 6:** Connected to the primary of a full-wave rectifier (D1001).
- Tap 7:** Connected to the primary of a full-wave rectifier (D1001).
- Tap 8:** Connected to the primary of a full-wave rectifier (D1001).
- Tap 9:** Connected to the primary of a full-wave rectifier (D1001).
- Tap 10:** Connected to the primary of a full-wave rectifier (D1001).
- Tap 11:** Connected to the primary of a full-wave rectifier (D1001).
- Tap 12:** Connected to the primary of a full-wave rectifier (D1001).
- Tap 13:** Connected to the primary of a full-wave rectifier (D1001).
- Tap 14:** Connected to the primary of a full-wave rectifier (D1001).

The secondary windings are connected to various components:

- Winding 1:** Connected to a full-wave rectifier (D1001).
- Winding 2:** Connected to a full-wave rectifier (D1001).
- Winding 3:** Connected to a full-wave rectifier (D1001).
- Winding 4:** Connected to a full-wave rectifier (D1001).
- Winding 5:** Connected to a full-wave rectifier (D1001).
- Winding 6:** Connected to a full-wave rectifier (D1001).
- Winding 7:** Connected to a full-wave rectifier (D1001).
- Winding 8:** Connected to a full-wave rectifier (D1001).
- Winding 9:** Connected to a full-wave rectifier (D1001).
- Winding 10:** Connected to a full-wave rectifier (D1001).
- Winding 11:** Connected to a full-wave rectifier (D1001).
- Winding 12:** Connected to a full-wave rectifier (D1001).
- Winding 13:** Connected to a full-wave rectifier (D1001).
- Winding 14:** Connected to a full-wave rectifier (D1001).

The circuit includes several voltage regulators and smoothing circuits:

- +22V REGULATOR:** Uses Q1080, Q1081, and Q1082. Output is SW+22V.
- +14V REGULATOR:** Uses Q1082, Q1083, and D1086. Output is SW+14V.
- +12V REGULATOR:** Uses Q1051 and Q1052. Output is SW+12V.
- 5V REGULATOR:** Uses Q1071 and Q1070. Output is SW-5V.
- +5V REGULATOR:** Uses Q1053. Output is SW+5V (VIDEO).
- SMOOTHING CIRCUITS:** Various capacitors (C1011, C1012, C1013, C1014, C1016, C1017, C1019, C1023) and resistors (R1001, R1002, R1003, R1004, R1005, R1006, R1007, R1008, R1009, R1010, R1011, R1012, R1013, R1014, R1015, R1016, R1017, R1018, R1019, R1020, R1021, R1022, R1023, R1024, R1025, R1026, R1027, R1028, R1029, R1030, R1031, R1032, R1033, R1034, R1035, R1036, R1037, R1038, R1039, R1040, R1041, R1042, R1043, R1044, R1045, R1046, R1047, R1048, R1049, R1050, R1051, R1052, R1053, R1054, R1055, R1056, R1057, R1058, R1059, R1060, R1061, R1062, R1063, R1064, R1065, R1066, R1067, R1068, R1069, R1070, R1071, R1072, R1073, R1074, R1075, R1076, R1077, R1078, R1079, R1080, R1081, R1082, R1083, R1084, R1085, R1086, R1087, R1088, R1089, R1090, R1091, R1092, R1093, R1094, R1095, R1096, R1097, R1098, R1099, R1100, R1101, R1102, R1103, R1104, R1105, R1106, R1107, R1108, R1109, R1110, R1111, R1112, R1113, R1114, R1115, R1116, R1117, R1118, R1119, R1120, R1121, R1122, R1123, R1124, R1125, R1126, R1127, R1128, R1129, R1130, R1131, R1132, R1133, R1134, R1135, R1136, R1137, R1138, R1139, R1140, R1141, R1142, R1143, R1144, R1145, R1146, R1147, R1148, R1149, R1150, R1151, R1152, R1153, R1154, R1155, R1156, R1157, R1158, R1159, R1160, R1161, R1162, R1163, R1164, R1165, R1166, R1167, R1168, R1169, R1170, R1171, R1172, R1173, R1174, R1175, R1176, R1177, R1178, R1179, R1180, R1181, R1182, R1183, R1184, R1185, R1186, R1187, R1188, R1189, R1190, R1191, R1192, R1193, R1194, R1195, R1196, R1197, R1198, R1199, R1200, R1201, R1202, R1203, R1204, R1205, R1206, R1207, R1208, R1209, R1210, R1211, R1212, R1213, R1214, R1215, R1216, R1217, R1218, R1219, R1220, R1221, R1222, R1223, R1224, R1225, R1226, R1227, R1228, R1229, R1230, R1231, R1232, R1233, R1234, R1235, R1236, R1237, R1238, R1239, R1240, R1241, R1242, R1243, R1244, R1245, R1246, R1247, R1248, R1249, R1250, R1251, R1252, R1253, R1254, R1255, R1256, R1257, R1258, R1259, R1260, R1261, R1262, R1263, R1264, R1265, R1266, R1267, R1268, R1269, R1270, R1271, R1272, R1273, R1274, R1275, R1276, R1277, R1278, R1279, R1280, R1281, R1282, R1283, R1284, R1285, R1286, R1287, R1288, R1289, R1290, R1291, R1292, R1293, R1294, R1295, R1296, R1297, R1298, R1299, R1300, R1301, R1302, R1303, R1304, R1305, R1306, R1307, R1308, R1309, R1310, R1311, R1312, R1313, R1314, R1315, R1316, R1317, R1318, R1319, R1320, R1321, R1322, R1323, R1324, R1325, R1326, R1327, R1328, R1329, R1330, R1331, R1332, R1333, R1334, R1335, R1336, R1337, R1338, R1339, R1340, R1341, R1342, R1343, R1344, R1345, R1346, R1347, R1348, R1349, R1350, R1351, R1352, R1353, R1354, R1355, R1356, R1357, R1358, R1359, R1360, R1361, R1362, R1363, R1364, R1365, R1366, R1367, R1368, R1369, R1370, R1371, R1372, R1373, R1374, R1375, R1376, R1377, R1378, R1379, R1380, R1381, R1382, R1383, R1384, R1385, R1386, R1387, R1388, R1389, R1390, R1391, R1392, R1393, R1394, R1395, R1396, R1397, R1398, R1399, R1400, R1401, R1402, R1403, R1404, R1405, R1406, R1407, R1408, R1409, R1410, R1411, R1412, R1413, R1414, R1415, R1416, R1417, R1418, R1419, R1420, R1421, R1422, R1423, R1424, R1425, R1426, R1427, R1428, R1429, R1430, R1431, R1432, R1433, R1434, R1435, R1436, R1437, R1438, R1439, R1440, R1441, R1442, R1443, R1444, R1445, R1446, R1447, R1448, R1449, R1450, R1451, R1452, R1453, R1454, R1455, R1456, R1457, R1458, R1459, R1460, R1461, R1462, R1463, R1464, R1465, R1466, R1467, R1468, R1469, R1470, R1471, R1472, R1473, R1474, R1475, R1476, R

