

Datei:Minix Handbuch Seite 6 MOD.jpg

Basisinformationen

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| Anzeigetitel | Datei:Minix Handbuch Seite 6 MOD.jpg |
| Standardsortierschlüssel | Minix Handbuch Seite 6 MOD.jpg |
| Seitenlänge (in Bytes) | 0 |
| Namensraum | Datei |
| Seitenkennnummer | 1660 |
| Seiteninhaltsprache | de-formal - Deutsch (Sie-Form) |
| Seiteninhaltsmodell | Wikitext |
| Indizierung durch Suchmaschinen | Erlaubt |
| Anzahl der Weiterleitungen zu dieser Seite | 0 |
| Prüfsummenwert | 965f15b0bb842cd87dcefdad00b8b1304bf96fd42 |
| Seitenbild | <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p><u>Schaltungsbeschreibung</u></p> <p>Der Empfänger MINIX MFB 25.6a ist auf einer Platine mit dem Maßen 97,5 x 90 mm aufgebaut. Der Dimensionenraum kann sowohl die Größe als auch unzutreffende Räume messen werden. Das Gerüst ist für den Empfang von Amplitudenmodulationen der Frequenzen AM 400, 700 kHz, CW 400 auf 800 kHz bis 1,2 MHz, SSB bis 1,2 MHz konzipiert. Durch Verwendung moderner Bauelemente werden optimale Empfangseigenschaften erreicht. Die Konstruktion und die einzelnen Bauelemente sind im Folgenden dargestellt.</p> <p>Das Antennensystem ist vertikal über die Spule L2 an den HF-Verstärker T1, der mit einem Dual-Diode-Block (DBD) bestückt ist, angeschlossen. Parallel zum Antennensystem liegt ein Spulnetzwerk, das mit der Spule L1 und der Stützfrequenz im Bereich von 20 MHz abgestimmt wird. Diese in T1 verteilte Bandführung über den Hochfrequenz- und den L-Blocker T2. Auch hier wird ein Dual-Diode-Block (DBD) verwendet. Der L-Blocker T1 ist induktiv angeschlossen. Die Oszillationsfrequenz liegt im Bereich von 20 MHz. Eine Kernspindel und magnetostatische Schwingkreisbauelemente sorgen für höhere Frequenzstabilität. In dem Transistor T3 und T4 wird das Oszillationsignal verstärkt und vergrößert. Über L3/18 erfolgt die Kopplung mit der Antenne T2. Das mit dem L1/17 und L2/19 zusammengebaute Bandfilter des selektiven Bandfilters L1-17 ist getriggert und vergrößert. Über L3/18 erfolgt die Kopplung mit der Antenne T2. Das mit dem L1/17 und L2/19 zusammengebaute Bandfilter des selektiven Bandfilters L1-17 ist getriggert und vergrößert. Das mit einem PNP-Verstärker T5, der Gegenkopplung T4 erzeugt für die Verstärkung des L2/19 - ein KX100-erforderliche Signal von 5,4 MHz. Im Eingang des L2-KX100-Verstärkers sorgt ein KX100-erforderliches Filter für die weitere Selektion. Die Frequenz des Filters beträgt 4,8 MHz (±0,1%), die die verschiedenen Detektorarten abhängige Komponente. Das Signal wird weiter in einem RC-Frequenzweichenkreis, bestehend aus den Transistoren T6, T7, T8, T9, T10, T11, T12, T13, T14, T15, T16, T17, T18, T19, T20, T21, T22, T23, T24, T25, T26, T27, T28, T29, T30, T31, T32, T33, T34, T35, T36, T37, T38, T39, T40, T41, T42, T43, T44, T45, T46, T47, T48, T49, T50, T51, T52, T53, T54, T55, T56, T57, T58, T59, T60, T61, T62, T63, T64, T65, T66, T67, T68, T69, T70, T71, T72, T73, T74, T75, T76, T77, T78, T79, T80, T81, T82, T83, T84, T85, T86, T87, T88, T89, T90, T91, T92, T93, T94, T95, T96, T97, T98, T99, T100, T101, T102, T103, T104, T105, T106, T107, T108, T109, T110, T111, T112, T113, T114, T115, T116, T117, T118, T119, T120, T121, T122, T123, T124, T125, T126, T127, T128, T129, T130, T131, T132, T133, T134, T135, T136, T137, T138, T139, T140, T141, T142, T143, T144, T145, T146, T147, T148, T149, T150, T151, T152, T153, T154, T155, T156, T157, T158, T159, T160, T161, T162, T163, T164, T165, T166, T167, T168, T169, T170, T171, T172, T173, 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