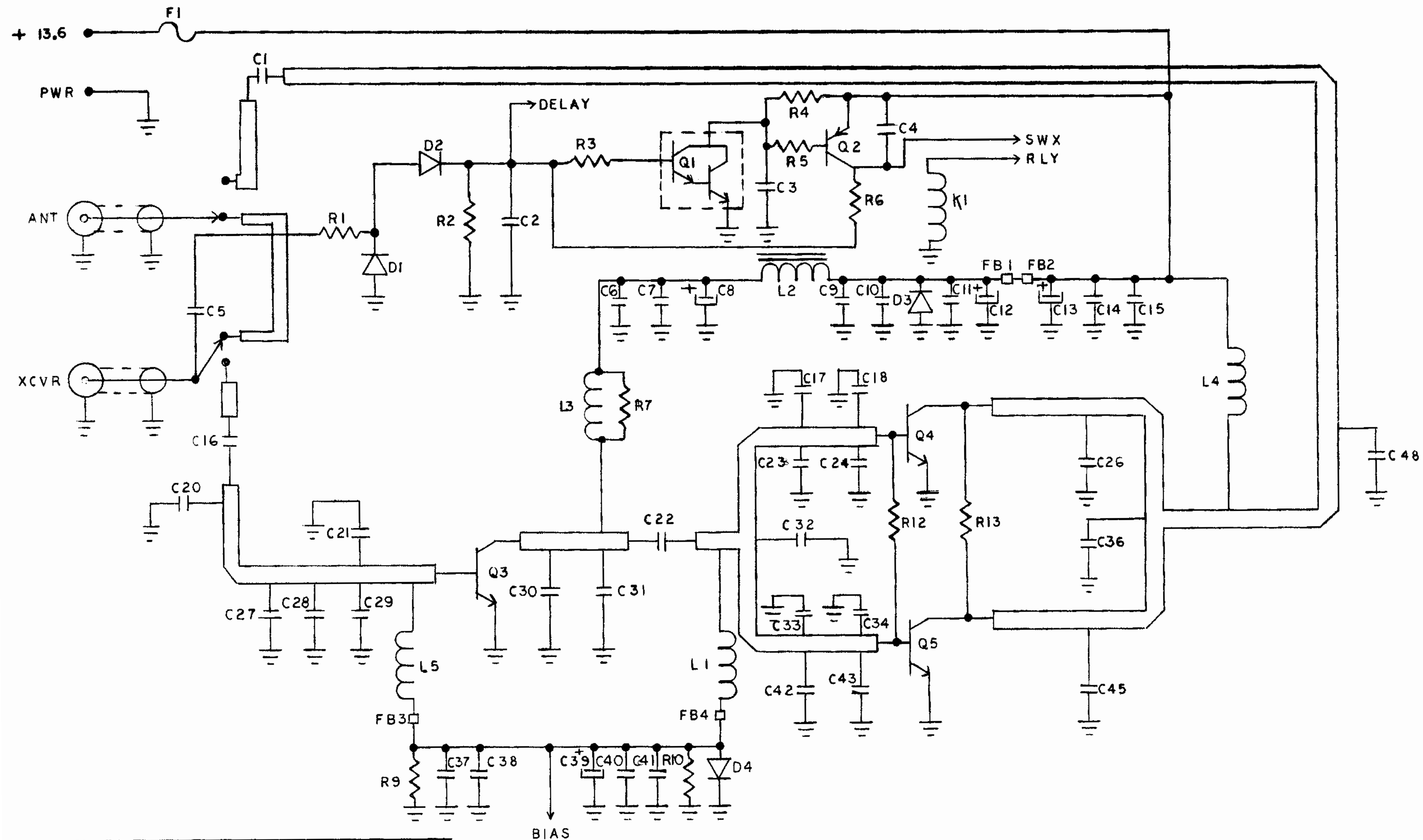
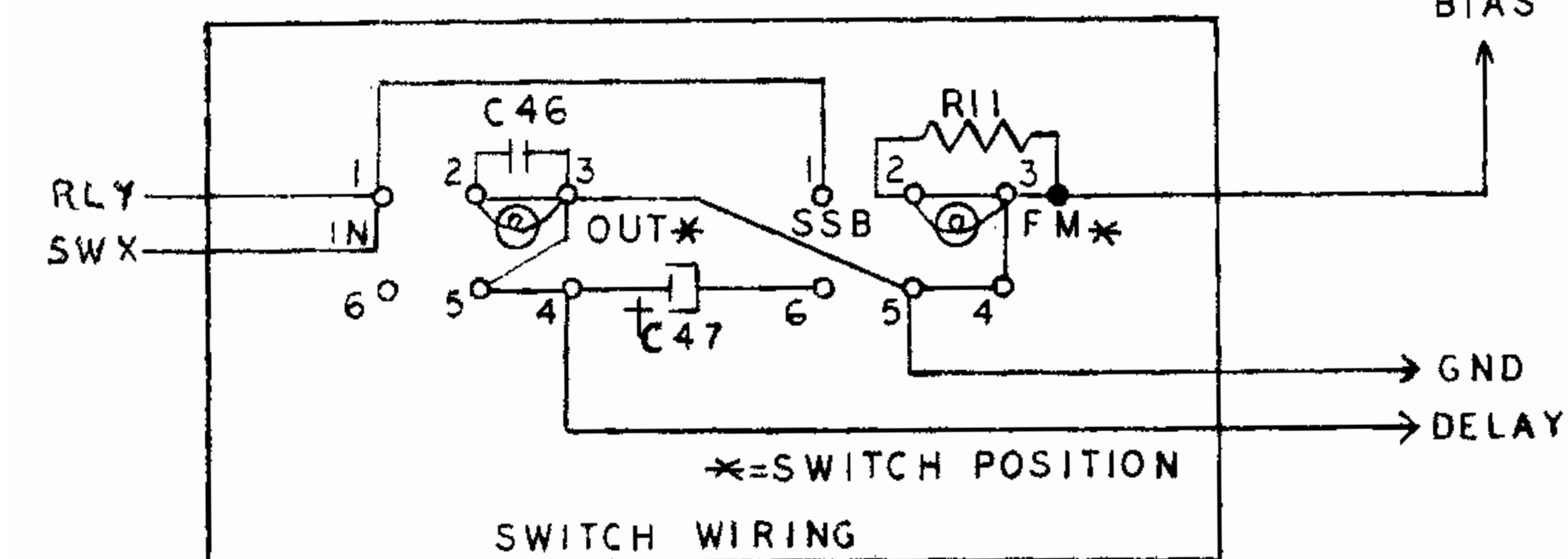




BLC 10/150 BLC 30/150  
SCHEMATIC DIAGRAM





**PARTS LIST**  
BLC 10/150 BLC 30/150

**CAPACITORS**

|      |              |           |
|------|--------------|-----------|
| C1   | 220pf SM     | (2010300) |
| C2   | .022         | (2010430) |
| C3   | .001         | (2010370) |
| C4   | .001         | (2010370) |
| C5   | 10pf         | (2010070) |
| *C6  | 500pf UM     | (2010320) |
| *C7  | .022         | (2010430) |
| *C8  | 1 MFD TAN    | (2010460) |
| C9   | .022         | (2010430) |
| C10  | 500pf UM     | (2010320) |
| C11  | 500pf UM     | (2010320) |
| C12  | 100 MFD ELEC | (2010540) |
| C13  | 1 MFD TAN    | (2010460) |
| C14  | .022         | (2010430) |
| C15  | 500pf UM     | (2010320) |
| *C16 | 220pf SM     | (2010300) |
| C17  | 68pf UM      | (2010230) |
| C18  | 200pf UM     | (2010290) |
| *C20 | 39pf UM      | (2010186) |
| *C21 | 150pf UM     | (2010280) |
| C22  | 220pf SM     | (2010300) |
| C23  | 68pf UM      | (2010230) |
| C24  | 200pf UM     | (2010290) |
| C26  | 150pf UM     | (2010280) |
| *C27 | 68pf UM      | (2010230) |
| *C28 | 150pf UM     | (2010280) |
| *C29 | 150pf UM     | (2010280) |
| *C30 | 68pf UM      | (2010230) |
| *C31 | 47pf UM      | (2010200) |
| C32  | 33pf UM      | (2010170) |
| C33  | 68pf UM      | (2010230) |
| C34  | 200pf UM     | (2010290) |
| C36  | 68pf UM      | (2010230) |
| *C37 | .022         | (2010430) |
| *C38 | 500pf UM     | (2010320) |
| C39  | 100 MFD ELEC | (2010540) |
| C40  | .022         | (2010430) |
| C41  | 500pf UM     | (2010320) |
| C42  | 68pf UM      | (2010230) |
| C43  | 200pf UM     | (2010290) |
| C45  | 150pf UM     | (2010280) |
| C46  | .001         | (2010370) |
| C47  | 4.7 MFD ELEC | (2010490) |
| C48  | 22pf UM      | (2010130) |

**RESISTORS**

|     |                  |           |
|-----|------------------|-----------|
| R1  | 3.3K, 1W         | (2020589) |
| R2  | 56K              | (2020400) |
| R3  | 100K             | (2020410) |
| R4  | 2.2K             | (2020260) |
| R5  | 150              | (2020130) |
| R6  | 1M               | (2020470) |
| R7  | 100, 1W          | (2020110) |
| R8  | 10, 1W           | (2020030) |
| R9  | 4.7, 1W          | (2020586) |
| R10 | FACTORY SELECTED |           |
| R11 | 47, 5W           | (2020584) |
| R12 | 10, 1W           | (2020040) |
| R13 | 10, 1W           | (2020050) |

**SEMICONDUCTORS**

|     |         |           |
|-----|---------|-----------|
| D1  | 1N34    | (1010010) |
| D2  | 1N34    | (1010010) |
| D3  | V350    | (1010090) |
| D4  | V350    | (1010090) |
| Q1  | MPS-A13 | (1020186) |
| Q2  | MJE-170 | (1020187) |
| *Q3 | 2N6084  | (1030094) |
| Q4  | MRF 245 | (1030009) |
| Q5  | MRF 245 | (1030009) |

**INDUCTORS**

|     |                    |           |
|-----|--------------------|-----------|
| L1  | .15 uH             | (2040010) |
| *L2 | VK-200             | (2040090) |
| *L3 | 5 turns #20 on R-7 |           |
| L4  | 5 turns #14        |           |
| *L5 | .15 uH             | (2040010) |

**MISCELLANEOUS**

|     |              |           |
|-----|--------------|-----------|
| FB1 | Ferrite Slug | (2030120) |
| FB2 | Ferrite Slug | (2030120) |
| FB3 | Ferrite Bead | (3030220) |
| FB4 | Ferrite Bead | (3030220) |
| K1  | DPDT Relay   | (3020030) |

\*Parts used only in the BLC 10/150