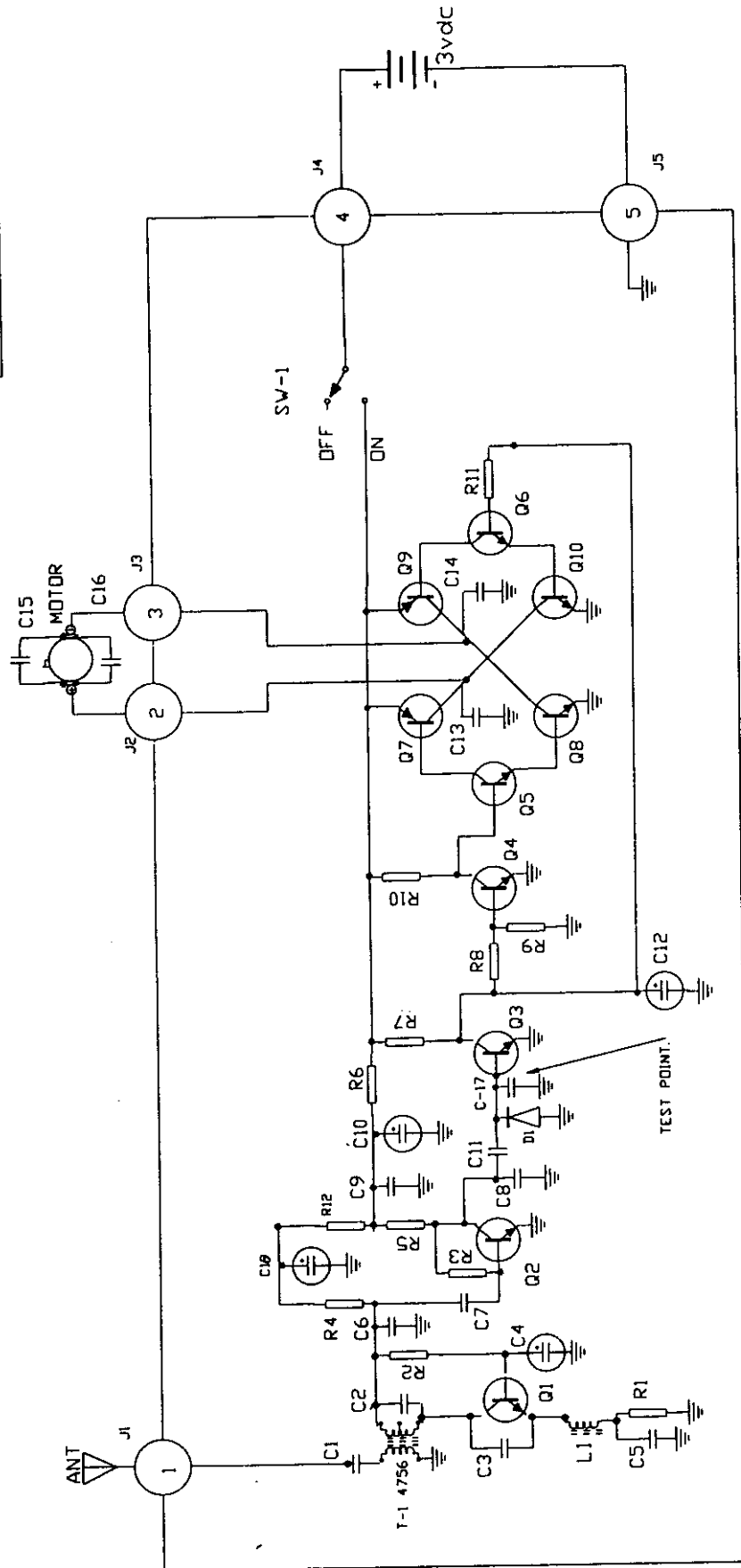


6.2 **Receiver Schematic**

Figure 6.2 Superregenerative Receiver Schematic

NOTE:- 1) W/O PUSH ON THE TX BUTTON, THE UNIT SHOULD BE TURN AROUND COUNTER-CLOCKWISE.  
2) WITH TX BUTTON PUSH ON, THE UNIT SHOULD BE IN STRAIGHT.



|      |               |     |         |     |             |
|------|---------------|-----|---------|-----|-------------|
| C-1  | 15p/80f       | R1  | 150     | Q1  | 2SC1815-GR  |
| C-2  | 47p/10P       | R2  | 100K    | Q2  | 2SC945P     |
| C-3  | 68p/22P       | R3  | 390K    | Q3  | 2SC945P     |
| C-4  | 4.7MF D/10V   | R4  | 2K7     | Q4  | 2SC945P     |
| C-5  | 0.0047UF CM   | R5  | 4K7     | Q5  | 2SC1815-GR  |
| C-6  | 0.01UF (H)    | R6  | 120 OHM | Q6  | 2SC1815-GR  |
| C-7  | 0.01UF (H)    | R7  | 2K2     | Q7  | 2SA952-L/K  |
| C-8  | 0.01UF CM     | R8  | 4K7     | Q8  | 2SC2001-L/K |
| C-9  | 0.01UF CC     | R9  | 10K     | Q9  | 2SA952-L/K  |
| C-10 | 100MF D/10VDC | R10 | 2K2     | Q10 | 2SC2001-L/K |
| C-11 | 0.068UF (H)   | R11 | 1K      |     |             |
| C-12 | 10UF D        | R12 | 150 OHM |     |             |
| C-13 | 0.01UF CC     |     |         |     |             |
| C-14 | 0.01UF CC     |     |         |     |             |
| C-15 | 0.0047UF CC   |     |         |     |             |
| C-16 | 10UF NP       |     |         |     |             |
| C-17 | OPTIONAL      |     |         |     |             |
| C-18 | 10MF D/10VDC  |     |         |     |             |

L1 2.2uH  
D1 1N4148

|           |                               |          |          |
|-----------|-------------------------------|----------|----------|
| MODEL NO  | RX RECEIVER -- RC ROBOT.      |          |          |
| PART NAME | SCHEMATIC DIAGRAM (27MC/49MC) |          |          |
| P/N       | ME-SC-0044-02                 |          |          |
|           | DRAWN                         | CHECKED  | APPROVED |
|           | B.V.LEE                       | 22/04/98 |          |

Dynamic industries co. ltd.