

APPENDIX

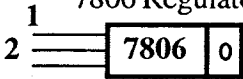
POWER SUPPLY FOR V.F.O

The best source of power supply to the VFO is from the battery . But it may not be practical at many situations . So a well filtered power supply circuit can be used for providing power to the VFO . Such a circuit is given here .

The circuit mainly consists of a regulator build around IC 7806 . Use a good heat sink for the IC . The power supply should not be placed inside the VFO box . Fix the power supply in a eliminator box or metal box and keep it away from the VFO .

The component details and construction of the RFC is given below .

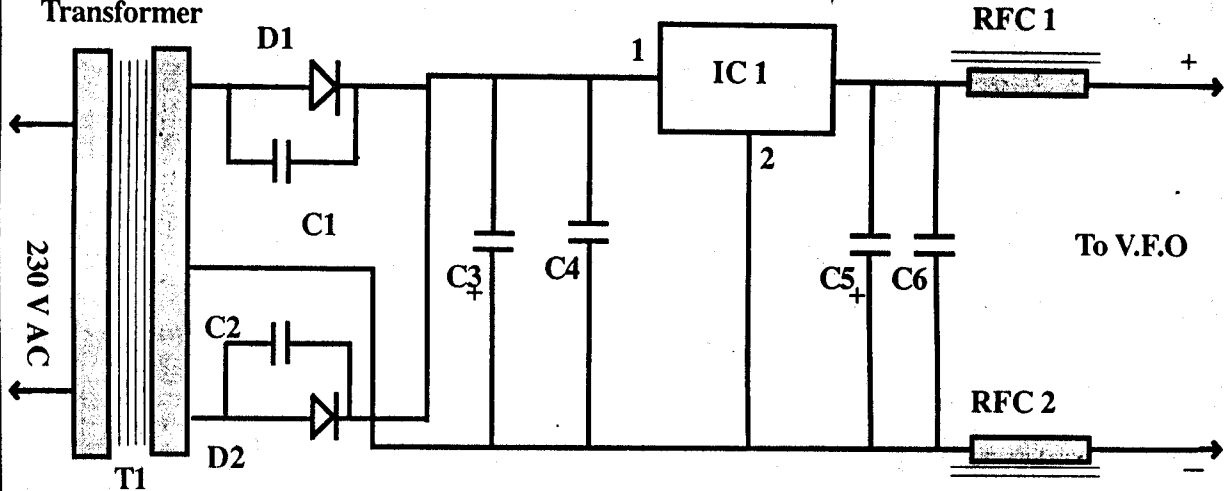
COMPONENT DETAILS

No.	Item ID.	Description
1.	C1	.1 uf
2.	C2	.1 uf
3.	C3	1000 MFD , 16 V
4.	C4	.1 uf
5.	C5	220 MFD , 16 V
6.	C6	.1 uf
7.	D1	IN 4001
8.	D2	IN 4001
9.	IC1	7806 Regulator 
10.	RFC 1 & RFC 2	RFC can be constructed by wind- 10 or 20 turns using a 34 SWG on TV balun core or toroid .

9-0-9

250 MA

Transformer



CIRCUIT DIAGRAM OF V.F.O POWER SUPPLY