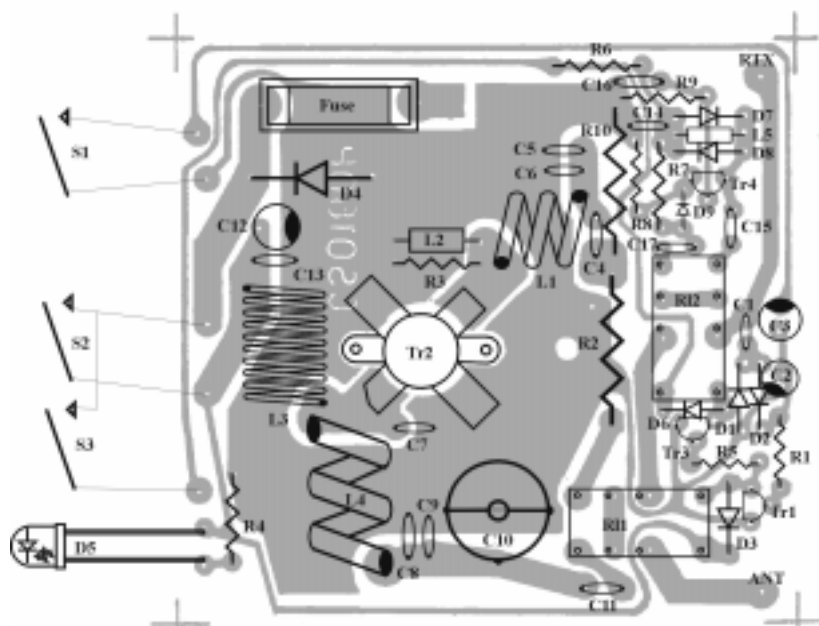
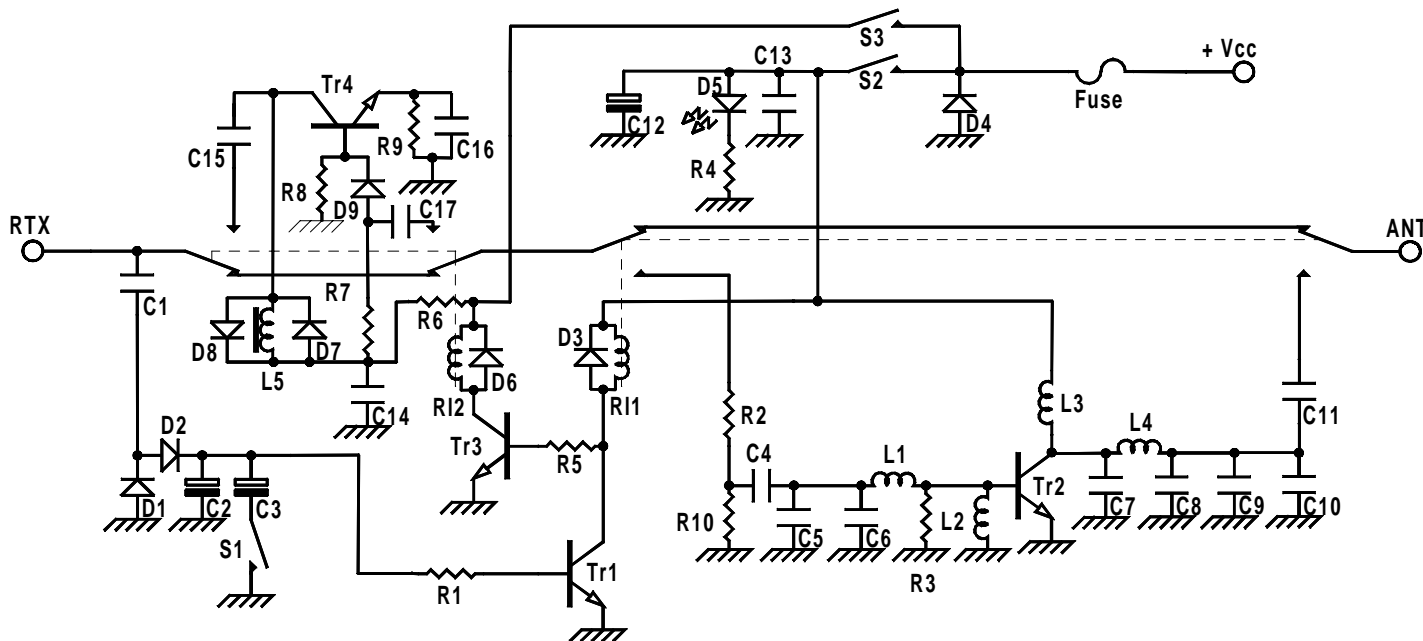


# Mod. 160 p linear amplifier

Schematic diagram

Version 2.00



**List of components**

C <sub>1</sub>	= 8,2 pF	50 V	N750
C <sub>2</sub>	= 4,7 μF	16 V	
C <sub>3</sub>	= 33 μF	16 V	
C <sub>4</sub>	= 100 pF	50 V	N750
C <sub>5</sub>	= 220 pF	50 V	N750
C <sub>6</sub>	= 270 pF	50 V	N750
C <sub>7</sub>	= 120 pF	500 V	N750
C <sub>8</sub>	= 220 pF	500 V	N750
C <sub>9</sub>	= 270 pF	500 V	N750
C <sub>10</sub>	= 120 pF	500 V	N750
C <sub>11</sub>	= 270 pF	500 V	N750
C <sub>12</sub>	= 33 μF	16 V	
C <sub>13</sub>	= 100 nF	50 V	
C <sub>14</sub>	= 10 nF	50 V	
C <sub>15</sub>	= 150 pF	50 V	N750
C <sub>16</sub>	= 470 pF	50 V	N750
C <sub>17</sub>	= 56 pF	50 V	N750
R <sub>1</sub>	= 2,2 KΩ	¼W	
R <sub>2</sub>	= 22 Ω	2W	
R <sub>3</sub>	= 10 Ω	½W	
R <sub>4</sub>	= 1,0 KΩ	¼W	
R <sub>5</sub>	= 12 KΩ	¼W	
R <sub>6</sub>	= 100 Ω	¼W	
R <sub>7</sub>	= 12 KΩ	¼W	
R <sub>8</sub>	= 2,2 KΩ	¼W	
R <sub>9</sub>	= 100 Ω	¼W	
R <sub>10</sub>	= 120 Ω	2W	
D <sub>1</sub> = D <sub>2</sub> = D <sub>7</sub> = D <sub>8</sub> = D <sub>9</sub>	=	1N4148	
D <sub>3</sub> = D <sub>6</sub>	=	1N4004	
D <sub>4</sub>	=	1N5400	
D <sub>8</sub>	=	Led	
TR <sub>1</sub> = TR <sub>3</sub>	=	BC 547	
TR <sub>2</sub>	=	SD 1446	
TR <sub>4</sub>	=	BF 199	
S <sub>1</sub>	=	Switch (AM - SSB)	
S <sub>2</sub>	=	Switch (ON - OFF)	
S <sub>3</sub>	=	Switch (Pre ON - OFF)	
L <sub>1</sub>	=	3 turns φ 8 mm wire φ 0,8 mm	
L <sub>2</sub> = L <sub>5</sub>	=	10 μH	
L <sub>3</sub>	=	12 turns φ 6 mm wire φ 1 mm	
L <sub>4</sub>	=	3 turns φ 8 mm wire φ 1,2 mm	
RI <sub>1</sub> = RI <sub>2</sub>	=	Relè 12 V 3022	
Fuse	=	12 A	