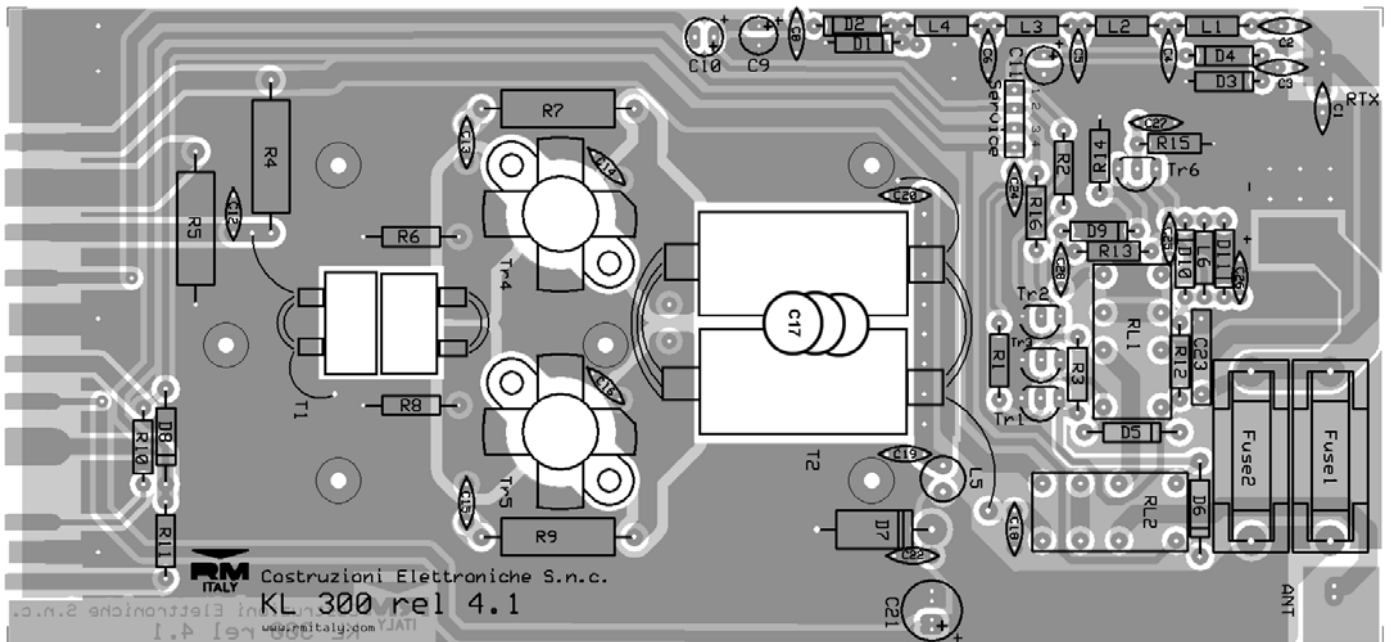
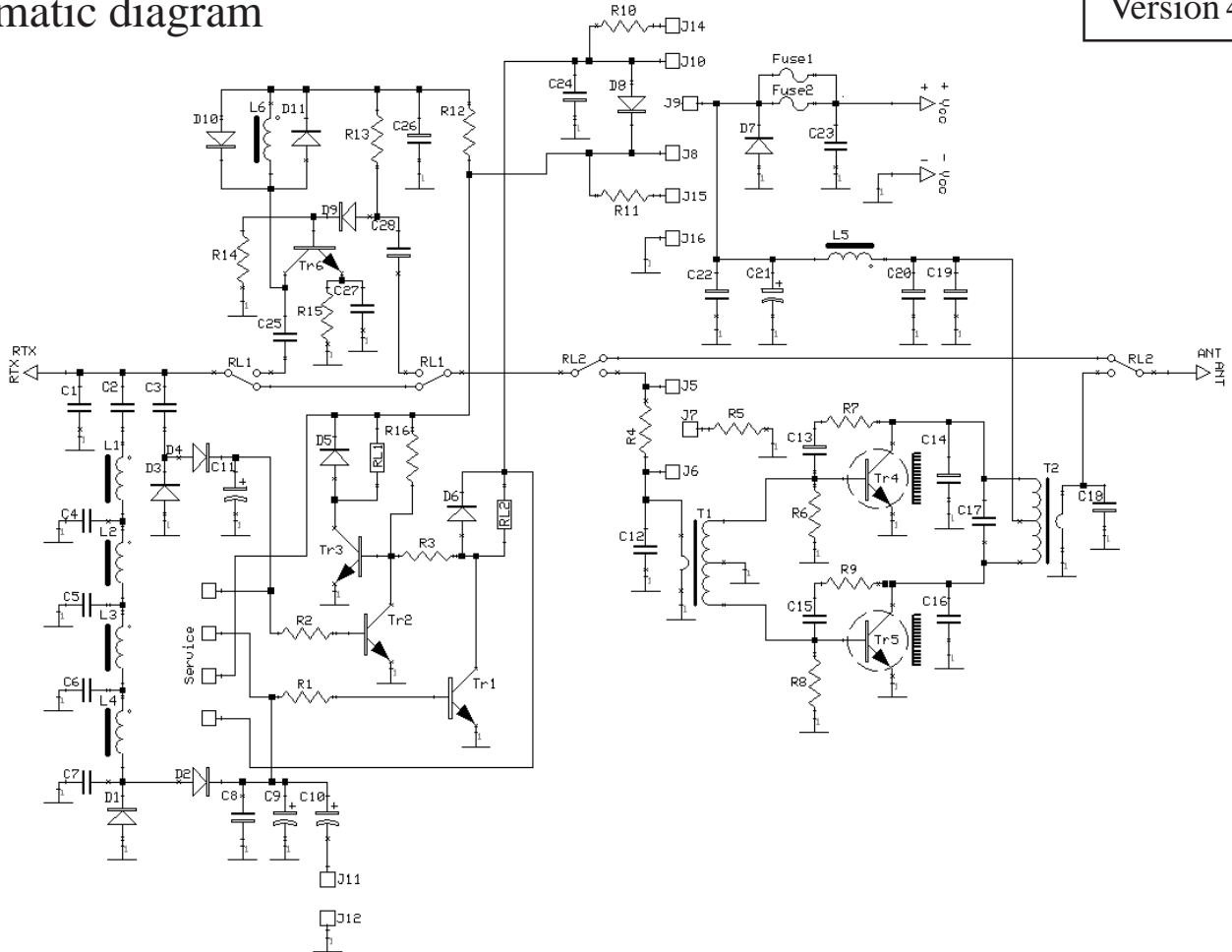




## Mod. KL 300/P linear amplifier

Schematic diagram

Version 4.11



**List of components**

C <sub>1</sub>	= 33 pF	50 V	NP0	D <sub>7</sub>	= 1N5400
C <sub>2</sub>	= 3,3 pF	50 V	NP0	D <sub>8</sub>	= 1N4007
C <sub>3</sub>	= 8,2 pF	50 V	NP0	D <sub>9</sub>	= 1N4148
C <sub>4</sub>	= 100 pF	50 V	NP0	D <sub>10</sub>	= 1N4148
C <sub>5</sub>	= 100 pF	50 V	NP0	D <sub>11</sub>	= 1N4148
C <sub>6</sub>	= 100 pF	50 V	NP0	Tr <sub>1</sub>	= BC 547
C <sub>8</sub>	= 10 nF	50 V		Tr <sub>2</sub>	= BC 547
C <sub>9</sub>	= 4,7 μF	16 V		Tr <sub>3</sub>	= BC 547
C <sub>10</sub>	= 33 μF	16 V		Tr <sub>4</sub>	= SD 1446
C <sub>11</sub>	= 10 μF	16 V		Tr <sub>5</sub>	= SD 1446
C <sub>12</sub>	= 150 pF	50 V	NP0	Tr <sub>6</sub>	= BF 199
C <sub>13</sub>	= 47 nF	50 V		L <sub>1</sub>	= 2,2 μH
C <sub>14</sub>	= 180 pF	500 V	N750	L <sub>2</sub>	= 2,2 μH
C <sub>15</sub>	= 47 nF	50 V		L <sub>3</sub>	= 2,2 μH
C <sub>16</sub>	= 180 pF	500 V	N750	L <sub>4</sub>	= 2,2 μH
C <sub>17</sub>	= 750 pF	500 V	Mica	L <sub>5</sub>	= VK 200 2 Wires
C <sub>18</sub>	= 47 pF	1000 V	N750	L <sub>6</sub>	= 10 μH
C <sub>19</sub>	= 100 nF	50 V		T <sub>1</sub>	= Input Transformer
C <sub>20</sub>	= 100 nF	50 V		T <sub>2</sub>	= Output Transformer
C <sub>21</sub>	= 470 μF	25V		R <sub>l1</sub>	= Relè 12 V 3022
C <sub>22</sub>	= 100 nF	50 V		R <sub>l2</sub>	= Relè 12 V 3022
C <sub>23</sub>	= 470 nF	100 V	Polyester	Fuse <sub>1</sub>	= Fuse <sub>2</sub> = 12 A Fast
C <sub>24</sub>	= 100 nF	50 V			
C <sub>25</sub>	= 150 pF	50 V	NP0		
C <sub>26</sub>	= 10 nF	50 V			
C <sub>27</sub>	= 470 pF	50 V	N750		
C <sub>28</sub>	= 56 pF	50 V	NP0		
R <sub>1</sub>	= 2,2 KΩ	¼W			
R <sub>2</sub>	= 2,2 KΩ	¼W			
R <sub>3</sub>	= 12 KΩ	¼W			
R <sub>4</sub>	= 27 Ω	2W			
R <sub>5</sub>	= 180 Ω	2W			
R <sub>6</sub>	= 10 Ω	½W			
R <sub>7</sub>	= 68 Ω	2W			
R <sub>8</sub>	= 10 Ω	½W			
R <sub>9</sub>	= 68 Ω	2W			
R <sub>10</sub>	= 1,0 KΩ	¼W			
R <sub>11</sub>	= 1,0 KΩ	¼W			
R <sub>12</sub>	= 100 Ω	¼W			
R <sub>13</sub>	= 12 KΩ	¼W			
R <sub>14</sub>	= 2,2 KΩ	¼W			
R <sub>15</sub>	= 100 Ω	¼W			
R <sub>16</sub>	= 12 KΩ	¼W			
D <sub>1</sub>	= 1N4148				
D <sub>2</sub>	= 1N4148				
D <sub>3</sub>	= 1N4148				
D <sub>4</sub>	= 1N4148				
D <sub>5</sub>	= 1N4007				
D <sub>6</sub>	= 1N4007				