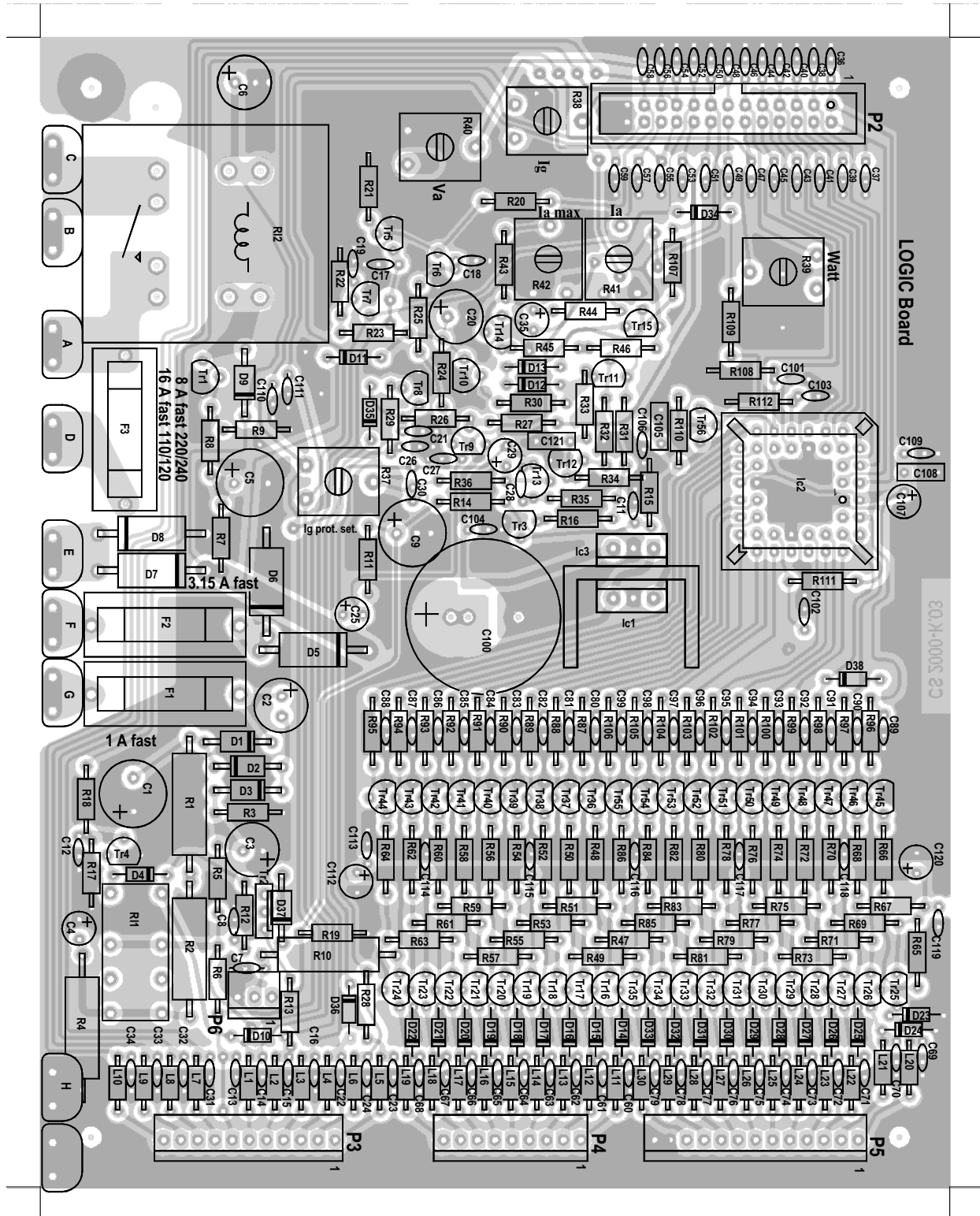
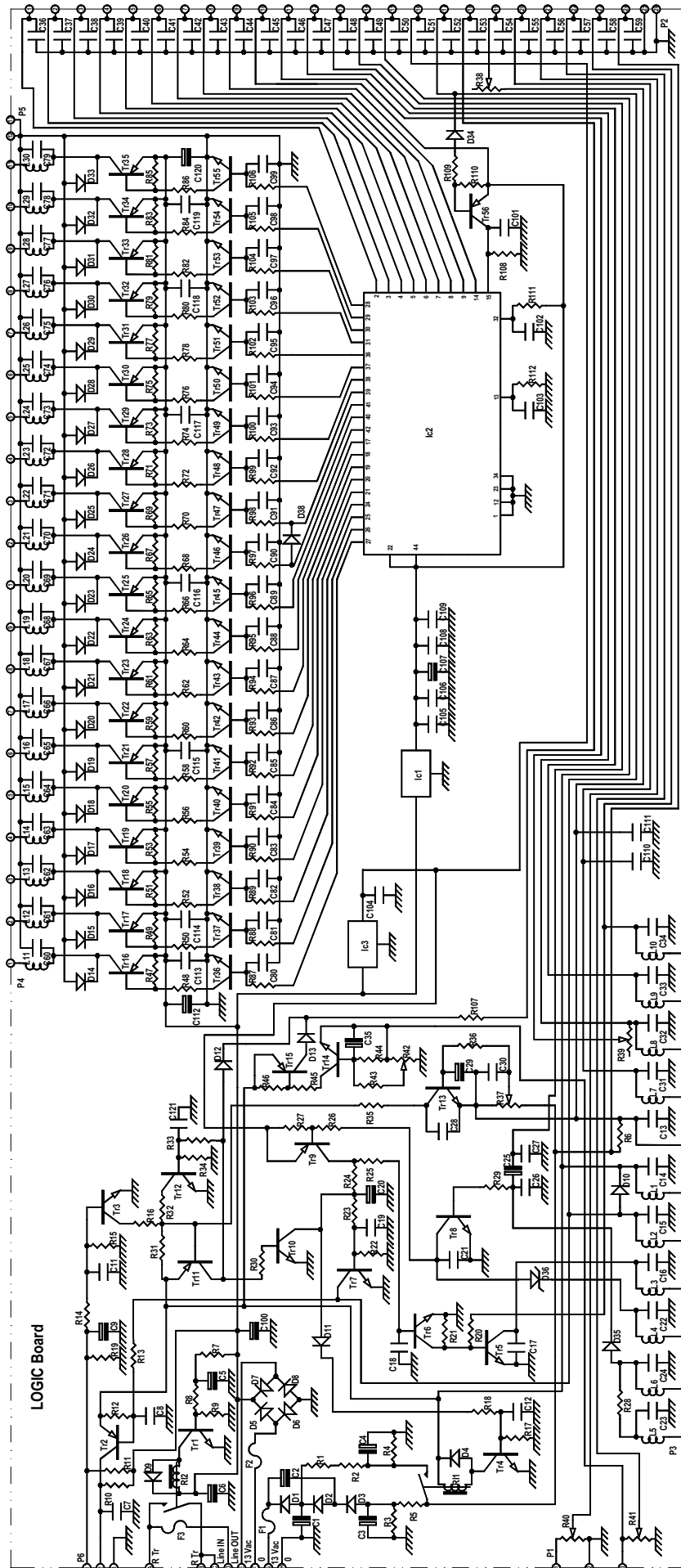


KLV 2000 K Logic Board

Version 1.00





List of components

C 1 = 470 µF 25 V	R 22 = 2,2 KΩ ¼ W
C 2 = 47 µF 63 V	R 23 = 2,2 KΩ ¼ W
C 3 = 47 µF 63 V	R 24 = 4,7 KΩ ¼ W
C 4 = 10 µF 25 V	R 25 = 2,2 KΩ ¼ W
C 5 = 220 µF 16 V	R 26 = 2,2 KΩ ¼ W
C 6 = 330 µF 25 V	R 27 = 1,0 KΩ ¼ W
C 7 = 10 nF 50 V	R 28 = 2,2 KΩ ¼ W
C 8 = 10 nF 50 V	R 29 = 2,2 KΩ ¼ W
C 9 = 47 µF 25 V	R 30 = 2,2 KΩ ¼ W
C 11 to C 19 = 10 nF 50 V	R 31 = 1,0 KΩ ¼ W
C 20 = 10 µF 16 V	R 32 = 4,7 KΩ ¼ W
C 21 to C 24 = 10 nF 50 V	R 33 = 4,7 KΩ ¼ W
C 25 = 22 µF 16 V	R 34 = 10 KΩ ¼ W
C 26 to C 27 = 10 nF 50 V	R 35 = 4,7 KΩ ¼ W
C 29 = 10 µF 16 V	R 36 = 470 Ω ¼ W
C 30 to C 34 = 10 nF 50 V	R 37 = Trimmer 10 KΩ
C 35 = 22 µF 16 V	R 38 = Trimmer 220 KΩ
C 36 to C 99 = 10 nF 50 V	R 39 = Trimmer 220 KΩ
C 100 = 4700 µF 25 V	R 40 = Trimmer 10 KΩ
C 101 to C 104 = 10 nF 50 V	R 41 = Trimmer 10 KΩ
C 105 = 100 nF 63 V Polyester	R 42 = Trimmer 10 KΩ
C 106 = 10 nF 50 V	R 43 = 1,0 KΩ ¼ W
C 107 = 10 µF 16 V	R 44 = 8,2 KΩ ¼ W
C 108 = 100 nF 63 V Polyester	R 45 = 4,7 KΩ ¼ W
C 109 to C 111 = 10 nF 50 V	R 46 = 1,0 KΩ ¼ W
C 112 = 10 µF 16 V	R 47 = 1,0 KΩ ¼ W
C 113 to C 119 = 10 nF 50 V	R 48 = 8,2 KΩ ¼ W
C 120 = 10 µF 16 V	R 49 = 1,0 KΩ ¼ W
C 121 = 100 nF 63 V Polyester	R 50 = 8,2 KΩ ¼ W
R 1 = 68 Ω 2 W	R 51 = 1,0 KΩ ¼ W
R 2 = 68 Ω 2 W	R 52 = 8,2 KΩ ¼ W
R 3 = 220 KΩ ¼ W	R 53 = 1,0 KΩ ¼ W
R 4 = 10 Ω 2 W	R 54 = 8,2 KΩ ¼ W
R 5 = 47 KΩ ¼ W	R 55 = 1,0 KΩ ¼ W
R 6 = 18 Ω ½ W	R 56 = 8,2 KΩ ¼ W
R 7 = 10 KΩ ¼ W	R 57 = 1,0 KΩ ¼ W
R 8 = 10 KΩ ¼ W	R 58 = 8,2 KΩ ¼ W
R 10 = 15 Ω 2 W	R 59 = 1,0 KΩ ¼ W
R 11 = 2,2 KΩ ¼ W	R 60 = 8,2 KΩ ¼ W
R 12 = 1,0 KΩ ¼ W	R 61 = 1,0 KΩ ¼ W
R 13 = 1,0 KΩ ¼ W	R 62 = 8,2 KΩ ¼ W
R 14 = 2,2 KΩ ¼ W	R 63 = 1,0 KΩ ¼ W
R 15 = 470 Ω ¼ W	R 64 = 8,2 KΩ ¼ W
R 16 = 4,7 KΩ ¼ W	R 65 = 1,0 KΩ ¼ W
R 17 = 2,2 KΩ ¼ W	R 66 = 8,2 KΩ ¼ W
R 18 = 2,2 KΩ ¼ W	R 67 = 1,0 KΩ ¼ W
R 20 = 10 KΩ ¼ W	R 68 = 4,7 KΩ ¼ W
R 21 = 22 KΩ ¼ W	R 69 = 1,0 KΩ ¼ W

R 70 =	8,2 K Ω	1/4 W	Rl 2 =	6561-12
R 71 =	1,0 K Ω	1/4 W	Ic 1 =	LM 7805
R 72 =	8,2 K Ω	1/4 W	Ic 2 =	M4A5 RM001
R 73 =	1,0 K Ω	1/4 W	Ic 3 =	LM 7812
R 74 =	8,2 K Ω	1/4 W		
R 75 =	1,0 K Ω	1/4 W		
R 76 =	8,2 K Ω	1/4 W		
R 77 =	1,0 K Ω	1/4 W		
R 78 =	8,2 K Ω	1/4 W		
R 79 =	1,0 K Ω	1/4 W		
R 80 =	8,2 K Ω	1/4 W		
R 81 =	1,0 K Ω	1/4 W		
R 82 =	8,2 K Ω	1/4 W		
R 83 =	1,0 K Ω	1/4 W		
R 84 =	8,2 K Ω	1/4 W		
R 85 =	1,0 K Ω	1/4 W		
R 86 =	8,2 K Ω	1/4 W		
R 87 to R 106 =	10 K Ω	1/4 W		
R 107 =	1,0 K Ω	1/4 W		
R 108 =	2,2 K Ω	1/4 W		
R 109 =	4,7 K Ω	1/4 W		
R 110 =	1,0 K Ω	1/4 W		
R 111 =	4,7 K Ω	1/4 W		
R 112 =	4,7 K Ω	1/4 W		
D 1 to D 3 =	1N 4004			
D 4 =	1N 4148			
D 5 to D 8 =	1N 5400			
D 9 =	1N 4004			
D 10 to D 35 =	1N 4148			
D 36 =	Zener 7,5 V	1/2 W		
D 37 =	1N4004			
D 38 =	1N4148			
Tr 1 =	BC 337			
Tr 2 =	BD 176			
Tr 3 to Tr 8 =	BC 337			
Tr 9 =	BC 327			
Tr 10 =	BC 337			
Tr 11 =	BC 327			
Tr 12 =	BC 337			
Tr 13 =	MPSA 42			
Tr 14 =	BC 337			
Tr 15 to Tr 35 =	BC 327			
Tr 36 to Tr 55 =	BC 337			
Tr 56 =	BC 327			
F 1 =	Fuse 1 A			
F 2 =	Fuse 3 A			
F 3 =	Fuse 8 A			
L 1 to L 30 =	10 μ H			
Rl 1 =	3022-12			