

KL703 25-30MHz Linear Amplifier Rel:1.0 (Nov. 2018)

Component Placement

RM Costruzioni Elettroniche srl
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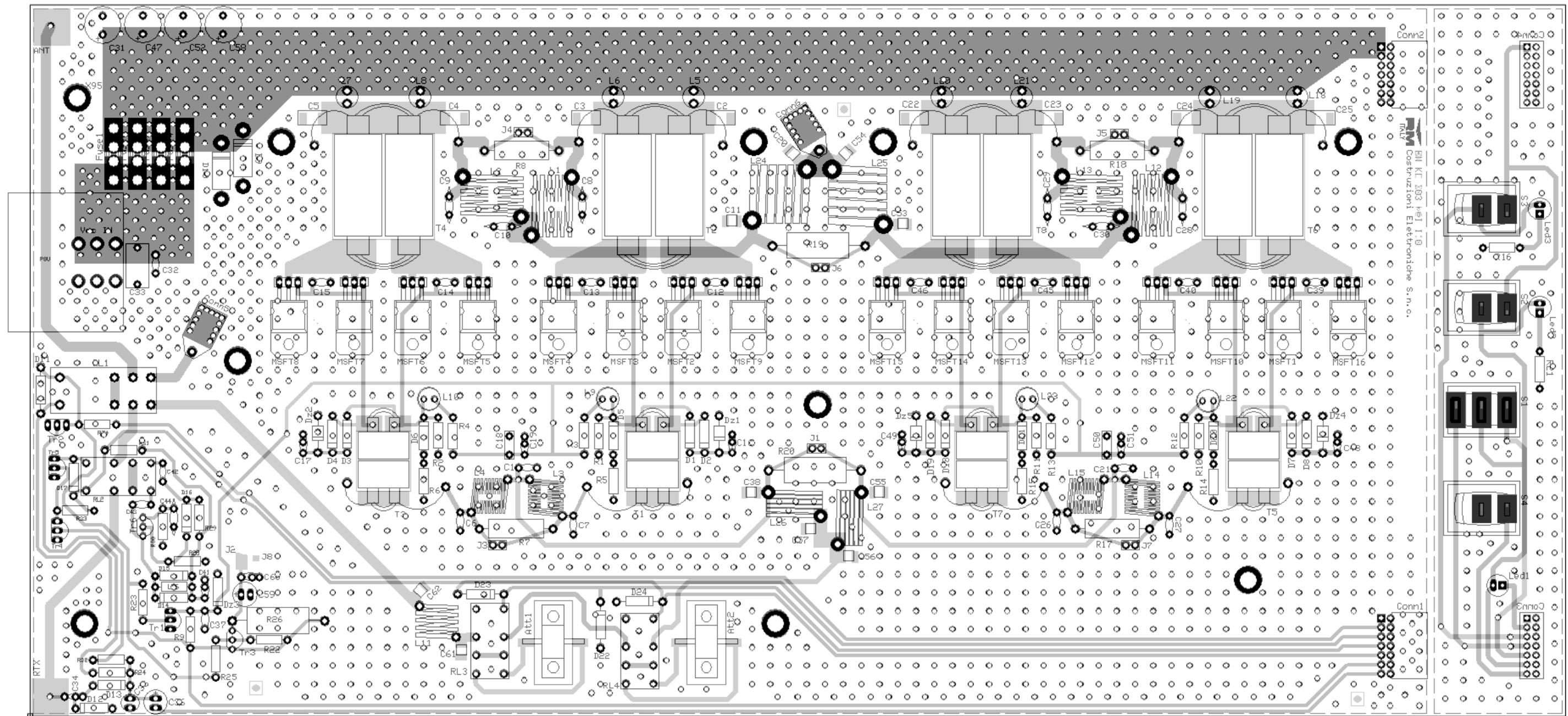
Info@rmitaly.com

P.IVA:00579541202

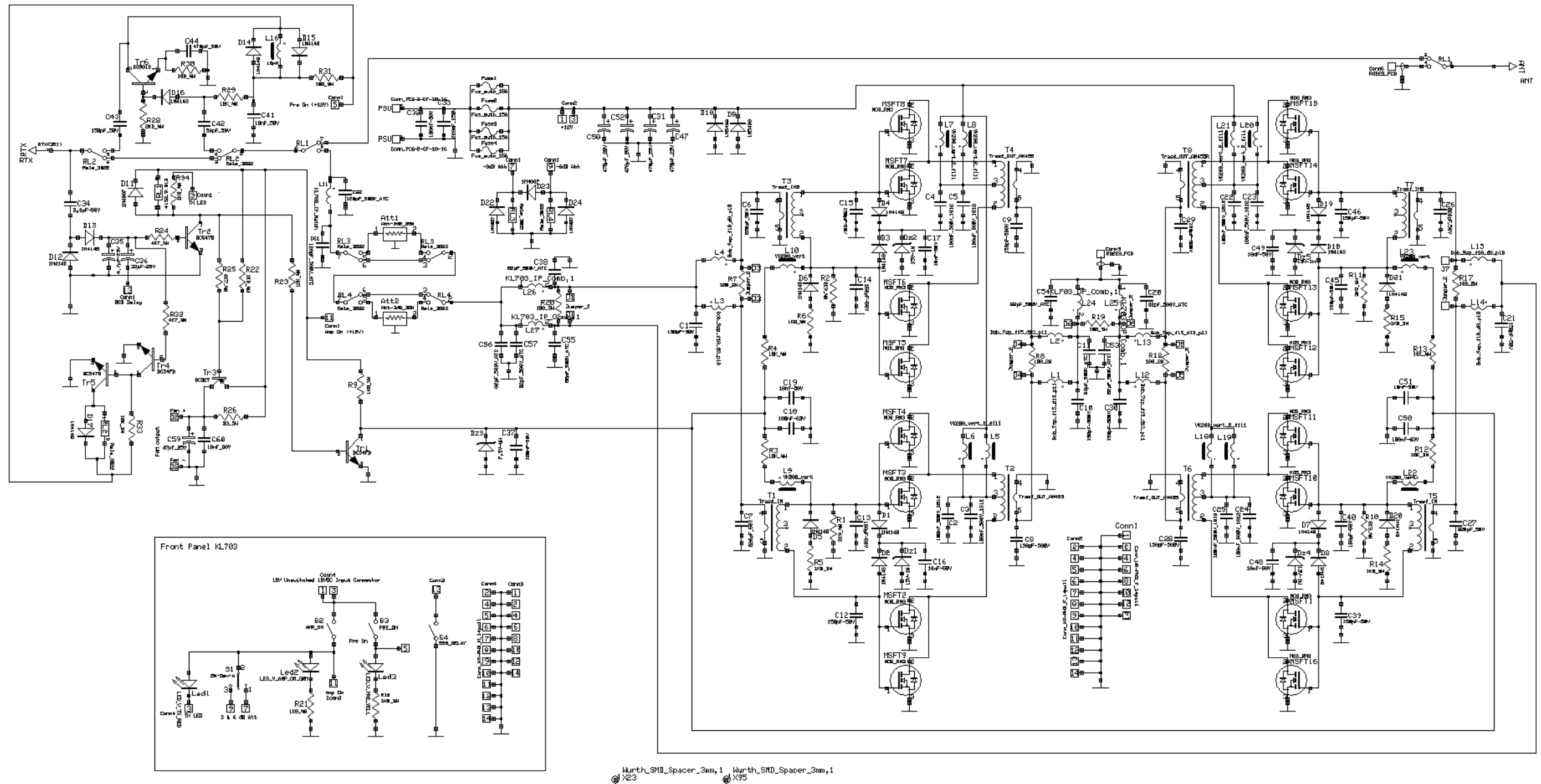
C.F. 02455740379

Registro Imprese di BO n. 02455740379

Rea C.C.I.A.A di Bologna n. 289652



Schematic Diagram:



Murth_SMD_Spacer_3mm, 1
X23
Murth_SMD_Spacer_3mm, 1
X35

Component List:

C1	150pF	500V	NP0	R18-R20	100	5W	Metalox
C2-C5	100nF	1812	X7R	R21-R22	1k	1/4W	5%
C6-C7	220pF	50V	NP0	R23	12k	1/4W	5%
C8-C10	150pF	500v	NP0	R24-R25	4k7	1/4W	5%
C11	82pF	500V	ATC100B	R26	33	5W	Metalox
C12-C15	150pF	500V	NP0	R27	--	--	--
C16-C17	10nF	50V		R28	2k2	1/4W	5%
C18	100nF	63V	Polyester	R29	12k	1/4W	5%
C19	10nF	50V		R30-R31	100	1/4W	5%
C20	82pF	500V	ATC100B	R32	4k7	1/4W	5%
C21	150pF	500V	NP0	R33	10k	1/4W	5%
C22-C25	100nF	630V	1812	R34	1k	1/4W	5%
C26-C27	220pF	50V		D1-D8	1N4148		
C28-C30	150pF	500V	NP0	D9-D10	1N5408		
C31	470uF	25V	105°	D11	1N4001		
C32	100nF	50V		D12-D21	1N4148		
C33	220nF	100V	Polyester	D22-D24	1N4007		
C34	8.2pF	50V	NP0	Dz1-Dz2	15V	1W	Zener
C35	10uF	50V	85°	Dz3	7.5V	1W	Zener
C36	47uF	50V	85°	Dz4-Dz5	15V	1W	Zener
C37	100nF	50V		Led 1	Red		Hi Brightness
C38	82pF	500V	ATC100B	Led 2	Green		Hi Brightness
C39-C40	100pF	500V	NP0	Led 3	Yellow		Hi Brightness
C41	10nF	50V		Tr1-Tr2	BC547B		
C42	56pF	50V	NP0	Tr3	BC327-25		
C43	150pF	500V	NP0	Tr4-Tr5	BC547B		
C44	470pF	50V	N750	Tr6	SS9018		Infineon
C45-C46	150pF	500V	NP0	MSFT1-MSFT16	MOS RM3		
C47	470uF	25V	105°	L1-L2	ANRA 856/2		
C48-C49	10nF	50V		L3-L4	ANRA 309/1		
C50	100nF	63V	Polyester	L5-L8	VK200		2W
C51	10nF	50V		L9-L10	VK200		1W
C52	470uF	25V	105°	L11	I/P Match		6TD10d1
C53-C57	82pF	500V	ATC100B	L12-L13	ANRA 856/2		
C58	470uF	25V	105°	L14-L15	ANRA 309/1		
C59	47uF	50V	85°	L16	10uH	1/4W	
C60	10nF	50V		L17	--	--	--
C61-C62	130pF	300V	ATC100B	L18-L21	VK200		2W
R1-R2	3k9	1/4W	5%	L22-L23	VK299		1W
R3-R4	10k	1/4W	5%	L24-L25	O/P Coupler		7TD15d2
R5-R6	1K	1/4W	5%	L26-L27	I/P Splitter		6TD14d1_3
R7	100	2W	Metalox	RL1	Relay	12v	4152
R8	100	5W	Metalox	RL2-RL4	Relay	12v	SH212T
R9	1K	1/4W	5%	FUS1-FUS4	15A		Auto Fuse
R10-R11	3k9	1/4W	5%	Att1-Att2	3db	30W	Flanged
R12-R13	10k	1/4W	5%	Conn5-Conn6	RG223	24cm	
R14-R16	1k	1/4W	5%	T1,T3,T5,T7 I/P Transformer	W_1x0,14_16.5cm		
R17	100	2W	Metalox	ANRA42 Tube	4.5x23mm		

T2,T4,T6,T6,T8 O/P Transformer

W_AWG22/19Teflon_36cm ANRA355B Tube 6x38m

