										wer Transis												
Minimum Vds -	- 150\	/ same \/	ac(th) range (A	\/\					Pair	of transistors	for the driver	stage.							Q7 v1.3.3			
viiiiiiiiuiii vus –	linimum Vds = 150V, same Vgs(th) range (4V) Minimum default config												Caculated (RCiss filter) Final resistor values									
DEFAULT		Status		Gfs Sie		R7		R8	-	reg MHz	R7	R8	Freq MHz	R7		R8	Freg MHz	ОК	Comment			
Q5	Р	EOL	FQP3P20	1.23	190	_	100	NO	- 1	8,38	104,7	NO	8	- 11.7	100	NO	8	Yes	Comment			
26	N	EOL	FQP3N30	1.75	75		100	-	100	21.22	104,7	265,25	0		100	27		Yes	Original config			
ξ0	IN	LOL	FQF3N30	1.73	13	1			100	21,22		203,23	0			21	0 8	163	1			
IVE		Status	Parts	Gfc Sio	Ciss pF	R7		R8	E	reg MHz	R7	R8	Freq MHz	R7		R8	Freq MHz	ОК	Comment			
(5	Р	Jtatus	FQPF7P20	3.5		11.7	100	NO	-	2,70	122,61	NO	2,2	11.7	120	NO	2,2	Yes	Small oscillation			
ξ5 Q6	N	EOL	2SK3564	2.6			100		100	2,70	122,01	103.34		_	120	10		Yes	at clip from Q6.			
(U	IN	LOL	2313304	2.0	700	<u> </u>			100	2,27		103,34	۷,۷			10	0 2,2	163	at clip from Qo.			
ESTED		Status	Parts	Gfc Sio	Ciss pF	R7		R8		reg MHz	R7	R8	Freq MHz	R7		R8	Freq MHz	ОК	Comment			
5	Р	Status	FQPF7P20	3.5	590	K/	100	No	г	2,70	99,9		2,7	K/	100	NO	2,7	Yes	overshoot with			
6	N		FQPF3N80C	3.3	543		100	-	100	2,70	55,5	108,55			100	11		Yes	IXTH48P20P			
,0	IN		FUPFSINOUC	3	343	<u> </u>			100	2,95		106,55	۷,7			11	0 2,7	165	IXI H46PZUP			
OT TESTED		Status	Darte	Gfs Sie	Ciss pF	R7		R8	le.	reg MHz	R7	R8	Freq MHz	R7		R8	Freg MHz	ОК	Comment			
5	Р	Status	IRF9610	0.9			100		-	9,36	104,02		9	K/	110	NO	9	OK	Comment			
<u>,5</u> <u>(</u> 6	N		IRF610	0.8			100		100	11,36	104,02	126.31	9	_	110	13			+			
U	IV		INFOIO	0.8	140	1			100	11,30		120,31				13	0 3		1			
									Pair	of transistors	for the output	stage.										
EFAULT		Status	Parts	Gfs Sie	Ciss pF	R14		R15	F	req KHz	R14	R15	Freq KHz	R14		R15	Freq KHz	OK	Comment			
15	N		FQA46N15	36	2500		330			192,92	335,06		190		340		190	Yes	Original config			
16	Р	N.A	FQA36P15	19.5	2550			3	330	189,13		328,49	190			33	0 190	Yes	Original comi			
IVE		Status	Parts	Gfs Sie	Ciss pF	R14		R15	F	req KHz	R14	R15	Freq KHz	R14		R15	Freq KHz	OK	Comment			
15	N		FQA46N15	36			330			192,92	335,06		190		330		190	Yes	Overshoot left			
Q16	P		IXTH48P20P	32	5400			3	330	89,31		155,12	190			15	0 190	Yes	with new values			
O TEST		Status	Parts	Gfs Sie	Ciss pF	R14		R15	F	req KHz	R14	R15	Freq KHz	R14		R15	Freq KHz	OK	Comment			
15	N		FQA46N15	36			330			192,92	335,06		190		330		190					
16	P	N.A	IXTQ36P15P	19	3100			3	330	155,57		270,21	190			27	0 190		Mouser 31/7			
N TEST		Status	Parts	Gfs Sie	Ciss pF	R14		R15	F	req KHz	R14	R15	Freq KHz	R14		R15	Freq KHz	OK	Comment			
15	N		FQA46N15	36			330			192,92	335,06		190		330		190		Good but			
16	P		IXTQ52P10P	20	2845			3	330	169,52		294,43	190			29	4 190		48v max			
N TEST		Status	Parts	Gfs Sie	Ciss pF	R14		R15	F	req KHz	R14	R15	Freq KHz	R14		R15	Freq KHz	OK	Comment			
15	N		IXTQ50N20P	23	2720		330			177,31	307,96		190		294		190		Good but			
(16	P		IXTQ52P10P	20	2845			3	330	169,52		294,43	190			29	4 190		48v max			
O TEST		Status	Parts	Gfs Sie	Ciss pF	R14		R15	F	req KHz	R14	R15	Freq KHz	R14		R15	Freq KHz	OK	Comment			
15	N		IXTQ50N20P	23	2720		330			177,31	307,96		190		300		190					
16	P	N.A	IXTQ36P15P	19	3100			3	330	155,57		270,21	190			27	0 190		Mouser 31/7			
OT TESTED		Status	Parts	Gfs Sie	Ciss pF	R14		R15	F	req KHz	R14	R15	Freq KHz	R14		R15	Freq KHz	OK	Comment			
15	N		IXFH50N85X	32	4480		330			107,65	186,97		190		190		190					
(16	Р		IXTH48P20P	32	5400			3	330	89,31		155,12	190			15	0 190					
IOT TESTED	T	Status	Parts	Gfs Sie	Ciss pF	R14		R15	F	reg KHz	R14	R15	Freg KHz	R14		R15	Freq KHz	ОК	Comment			

NOT TESTED		Status	Parts	Gfs Sie	Ciss pF	R14	R15	Freq KHz	R14	R15	Freq KHz	R14	R15	Freq KHz	ОК	Comment
Q15	Ν		IXFH50N85X	32	4480	330		107,65	186,97		190	190		190		
Q16	Р		IXTH48P20P	32	5400		330	89,31		155,12	190		150	190		
NOT TESTED		Status	Parts	Gfs Sie	Ciss pF	R14	R15	Freq KHz	R14	R15	Freq KHz	R14	R15	Freq KHz	ОК	Comment
Q15	N		IRFP240	6.9	1300	330		370,99	644,35		190	649		190		
Q16	Р		IRFP9240	9.4	1200		330	401,90		698,04	190		698	190		
SIM NOT WORKI	NG	Status	Parts	Gfs Sie	Ciss pF	R14	R15	Freq KHz	R14	R15	Freq KHz	R14	R15	Freq KHz	ОК	Comment
Q15	N		ECX10N20	1	500	330		964,57	1675,31		190	1650		190		
Q16	Р		ECX10P20	1.5	500		330	964,57		1675,31	190		1650	190		

SIM NOT WORKI	NG	Status	Parts	Gfs Sie	Ciss pF	R14	R15	Freq KHz	R14	R15	Freq KHz	R14	R15	Freq KHz	ОК	Comment
Q15	N		ECW20N20	8	900	330		535,87	930,73		190	910		190		
Q16	Р		ECW20P20	3	1850		330	267,93		452,78	190		442	190		

TESTED		Status	Parts	Gfs Sie	Ciss pF	R7	R8	Freq MHz	R7	R8	Freq MHz	R7	R8	Freq MHz	ОК	Comment
Q5	Р		FQPF7P20	3.5	590	47		2,70	122,61		2,2	120		2,2	Yes	
Q6	N		FQPF3N80C	3	543	47	100	2,93		133,22	2,2		130	2,2	Yes	