

**Pair of transistors for the driver stage.**

Q7 v1.3.7

CANDIDATE	Status	Parts	Qg nC	Gfs Siss	Ciss pF	R7	R8	Freq MHz	R7	R8	Freq MHz	R7	R8	Freq MHz	OK	Comment
Q5	P	IRF19620G	15	1,3	340	100		4,68	99,59		4,7					
Q6	N	IRF1620G	14	1.5	260		100	6,12		130,24	4,7					

Minimum  $V_{ds} = 150V$ , same  $V_{gs(th)}$  range (4V), close transconductance ( $G_{fs}$ )

Config S4	TESTED		Status	Parts	Qc nC	Gfs Sie	Ciss pF	R14	R15	Freq KHz		R14	R15	Freq KHz		R14	R15	Freq KHz	OK	Comment	Sound review
	Q15	N		IXTQ36N30P	70	22	2250	330		214,35		372,29		190		374		190	Yes	Tested with config D2.	High frequencies set back.
	Q16	P		IXTQ36P15P	55	19	3100		330	155,57			270,21	190			160	320	Yes	Need R15=160R to remove overshoot.	Volcals with grain. Round bass

SIM NOT WORKING	Status	Parts	Qg nC	Gfs Sie	Ciss pF	R14	R15	Freq KHz		R14	R15	Freq KHz		R14	R15	Freq KHz	OK	Comment
Q15	N	ECW20N20		8	900	330		535,87		930,73		190						
Q16	P	ECW20P20		3	1850		330	267,93				452,78	190					

Minimum  $V_{ds} = 60V$ , same  $V_{gs(th)}$  range (4V)

Config A1	DEFAULT	Status	Parts	Qg nC	Gfs Sie	Clss pF	R40	R41	Freq MHz	R40	R41	Freq MHz	R40	R41	Freq MHz	OK	Comment
	Q1	N	IRF610		0.8	140	100		11,36		126,31			120		9	
	Q4	P	IRF9610		0.9	170		100	9,36		104,02			100		9	