

uBitxv4 s/no 940/2

Stock board from HFSignals.

Power supply 12.0V set while TX and RX - Make sure your supply is 12V exact during TX as the voltage might drop.

Note: Small variation in voltages DOES NOT matter.

Transistor(s) r=rx t=tx	Collector	Base	Emitter	
Q10t, Q20r, Q30t, Q40r	7.47	2.27	1.66	The BiDi amps are During RX and TX
Q11t, Q21r, Q31t, Q41r	11.58	7.47	6.82	
Q12t, Q22r, Q32t, Q42r	11.58	6.82	6.15	
RX voltages				
Q70	1.68	0	0.66	
Q71	4.36	2.06	1.38	
Q72	11.82	5.56	4.97	
Q73	0	4.96	4.36	
TX Voltages				
Q6	10.1	2.03	1.4	No modulation
Q90	11.55	3.66	3.04	
Q911/912	11.8	1.07	0.49	
Q96/97	11.69	1.05	0.47	
	Drain	Gate	Source	
Q94/95	11.95	4.14	0	Gate voltage w

re identical.
x

ill vary widely