Color Legend L-Edit Device #	ohm - kohm	conducting (e3)	Good		10-M1R-10	Wire bonding																				
	Mohm	Insulating mediam (e6) super insulator (e9) bad		Cr/PT, Stanford, full Al etch, Cr/Pt on pads, wirebond, VHF		Different Switch Designs				Bonding parameters								Pad diagra	am .							Wire
	Gohm						Optical images predicti	s Cnip	Before vaporHF															Notes	bonding summary	
	All devices	devices Repeated devices		Initial status	Final status		ons	package	vaporni	Ch1 (time, power)	Ch2 (time, power)	ground myself and chuck	С	В0	B1	B2	В3	B4	B5	RF	G (right)	G (left)	RF to A	А		
Full chip results					right side	Silver paint on package with 44 pads																				
1	B2						looks ak		Yes	3.5,3.8	3.5,3.8	yes	42, at	NO	43, ornected to side of pad	44, shorted to	3, ok	4, ak	5, ok	2, ck		1, ot	÷	-	lifted all the way after first bond and went a little back before second bond	B2
		A8					brocken spring																			
2	C2						brocken spring																			
3	D2 E2						brocken spring																			
5	F2						looks ek		Yes	3.5,3.9	3.5,3.8	yes	12,×						13, ck, but could off to the side (unlikely)	10, ek	11, ok					F2
6	B3						looks ok, but springs look												side (unlikely)							
		B8					thinner brocken spring																			
8	C3						looks ok		Yes	3.5,3.9	3.5,3.8	yes	6, ck						9, ak	7, ok	8, ax	-	-	-	changed hi power to lower as some bonds broke at the wire	D3
9	E3						brocken spring																			
10	F3						looks ak		Yes	3.5,3.9	3.5,3.8	yes	16, at						17, a	14, ek	15,ot					F3
11	B4	C8					looks ok looks ok, but 64 is shorted to island		Yes	3.5,3.8	3.5,3.8	yes	31,∞	30,sk	29,could be	28, shorted to 83 and 84 and loose wire	27, ok, with 83,52,54	26, ok, with 83,52,54 shorted	25, ⋴	33 (ok, but wire imight be	24,				first time and loops were small	C8
12	C4						to Island looks ok, but some dirt on device		Yes	3.5,3.9		yes	49, at		touching pad BO	loose wire	shorted	shorted	34, a	41, sk	,-	40, ak				C4
13 14	D4 E4																									
15	F4 B5																									
16 17	C5																									
18 19	D5 E5																									
20 21	F5 B6 C6																									
22 23	D6																									
24	E6	D4																								
25	F6								Yes	3.5,3.9	3.5,3.8	yes	21 , at						20, a	18, ok	19,ok					F6
26 27	B7 C7																									
28	D7	E8																								
29 30	E7 F7																									
31 32	A2 A3																									
33	A4																									
34 35	A5 A6																									
36 37	A6 A7 G2			-																				H		+ = 1
38	G3																									
39 40	G4 G5															 		 					 			\vdash
41		F8																								
41 42	G6 G7																									
43	A1	G8 D1	G1					L																		
44 45	B1 C1							 												1						\vdash
46	E1																									
47	F1		\sqcup		1			<u> </u>		L	L	L		L	l	1	L	1	L	L	l	L	1	ш		ш