

W7RY SB-220 QSK Board Parts List  
SB220 QSK V2.1 Parts List 5-6-2013

		Mouser Electronics Part Numbers
C1,2,3	47uF 200v	647-UVZ2D470MH
C4,5,6,7,8,9,10	0.01uF 100v	140-100Z5-103Z-RC
C11	1uF 20v Tant	581-TAP105K020SCS
C12	1000PF(.001uF)50v	140-50Q5-102Z-RC
C13	33 pF Mica	598-CD15ED330JO3F
CR1	400V BRIDGE RECT	625-DF04MA-E3
D1	1N4007	512-1N4007
MOV1	130V MOV	576-V130LA10AP
Q1,2,4	2N3904	512-2N3904TA
Q3	MPSA42	512-MPSA42
Q6	ZVN3306A	522-ZVN3306A
Q7	TIP147	511-TIP147
R1	10k 1W	660-MOS1CT52R103J
R3,4	1k .25w	71-CCF071K00JKE36
R5	4.7K .25w	71-CCF07-J-4.7K-E3
R6,11,15	100k .25w	71-CCF07100KJKE36
R8,9	2.4k 2W	660-MOS2CT52R242J
R10,23	2.2k .25w	71-CCF07-J-4.7K-E3
R12,13	330 2W	660-MOS2CT52R331J
R14	220 2W	660-MOS2CT52R221J
R16	10K 10 turn	858-64WR10KLF
R17	100 .5w	293-100-RC
R18	47 .5w	293-47-RC
R19	200 2W	281-200-RC
R20	390 .25w	71-CCF07390RJKE36
R21	68k .25w	71-CCF071K00JKE36
U1	TL-431 Voltage Ref	595-TL431AILP
ZD1	12v 1W Zener	512-1N4742A
Non referenced items:		
10 ohm 10 watt HV glitch resistor		588-20J10RE
Q7 mounting hardware		534-4724