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WOOD & DOUGLAS LTD

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PARTS LIST FOR ASSEMBLY: A SM1679 00

SX500 LOWER RD

Issue: F X

PROTO F CM3532 171199 JH

SX500 Parts List

Qty	Component	Nnd	Description	Location
0.0	CHAN COMP		# = CHANNEL SPACING COMPON	
1.0	1050 0047		4R7 0603 0.063W 5%	R20
1.0	1050 0470		47R 0603 0.063W 2%	R18
1.0	1050 1100		100R 0603 0.063W 2%	R8
4.0	1050 1220		220R 0603 0.063W 2%	R10,19,23,30
1.0	1050 1470		470R 0603 0.063W 2%	R15
5.0	1050 1680		680R 0603 0.063W 2%	R13,17,21,22,28
4.0	1050 2100		1K0 0603 0.063W 2%	R1,6,16,40
5.0	1050 2220		2K2 0603 0.063W 2%	R5,7,12,27,29
1.0	1050 2330		3K3 0603 0.063W 2%	R9
2.0	1050 2470		4K7 0603 0.063W 2%	R2,4
2.0	1050 3100		10K 0603 0.063W 2%	R14,42
4.0	1050 3150		15K 0603 0.063W 2%	R24,25,26,32
2.0	1050 3220		22K 0603 0.063W 2%	R37,41
2.0	1050 3330		33K 0603 0.063W 2%	R38,39
1.0	1050 3470		47K 0603 0.063W 2%	R31
1.0	1050 3680		68K 0603 0.063W 2%	R35
2.0	1050 4100		100K 0603 0.063W 2%	R3,11,33
2.0	1050 4470		470K 0603 0.063W 2%	R34,36
1.0	1051 0001		0R 0805 (SHORTING LINK)	L9
1.0	1165 0022		2.2PF 0603 COG 0.25P	C31
1.0	1165 0047		4.7PF 0603 COG 0.25P	C8
2.0	1165 0068		6.8PF 0603 COG 0.25P	C1,24
5.0	1165 0100		10PF 0603 COG 0.5P	C2,3,17,22,23
2.0	1165 0220		22PF 0603 COG 5%	C14,46
3.0	1165 0270		27PF 0603 COG 5%	C21,33,49
1.0	1165 0330		33PF 0603 COG 5%	C34
1.0	1165 0560		56PF 0603 COG 5%	C51
1.0	1165 1100		100PF 0603 COG 5%	C40
17.0	1165 1220		220PF 0603 COG 5%	C5,10,15,28,39,43,47,50 C53,54,55,57,58,60,62 C64,67
13.0	1166 2100		1000PF 0603 X7R 10%	C7,12,18,25,26,27,30,32 C35,36,48,59,69
8.0	1166 3100		0.01UF 0603 X7R 10%	C20,37,41,42,44,45,56,68
1.0	1166 3220		0.022UF 0603 X7R 10%	C6
8.0	1169 4100		0.1UF 0603 Y5V +80/-20% 16	C4,11,16,19,38,61,63,66
1.0	1176 4100		0.1UF 1206 X7R 10%	C52
1.0	1176 4330		0.33UF 1206 X7R 10%	C29
1.0	1190 6100		10uP 6.3V 20% TANT CASE A	C65
1.0	1192 5100		1.0UF 16V 3.2XL 6XL 6 TANT	C9
2.0	1251 0021		BAT548 DIODE SOT23	D3,11
6.0	1251 0100		1SS355 DIODE SOD323 35V 22	D2,5,6,7,8,10
3.0	1254 0030	*	DAN235K 2 DIODES SC59A	D1,4,9
1.0	1264 0000		BFR520	TR1
2.0	1264 0020		BFR540 RF NPN SOT23	TR2,3
3.0	1271 0010		BFR998 DG MOSFET UHF	TR4,5,6
1.0	1283 0010		LM358M SM SURF/MT DUAL OP	IC4
1.0	1287 0030		LMX1501A	IC7
1.0	1290 0050		MC3371D SM LO VOLT NEPM IF	IC8
1.0	1616 7900		E X SX500 PCB (LOWER BOARD)	

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PARTS LIST FOR ASSEMBLY: A SW1679 00 SX500 LOWER RD
Issue: F X PROTO F CMB532 171199 JH

SX500 Parts List

Qty	Component	Nnd	Description	Location
3.0	1750 3153		15nH RL1NC15NKP PANASONIC	L5,6,8
3.0	1750 3170		17nH LQW1A17M104	L2,3,4
3.0	1750 3222		22nH LL2012-F22NK 0805	L7,11,14
6.0	1750 4221		220nH LL2012-PER22K 0805	L1,10,12,13,15,18
1.0	1750 4680		6.68uH LQH3N 10%	L16
4.0	NOT FITTED		DO NOT FIT THESE COMPS	C13,70,71 R43

End of report

PARTS LIST FOR ASSEMBLY: A SM1728 00 SX500 UPPER BD
 Issue:G X PROTO G CNG889 140601 JH

SX500 Parts List

Qty	Component	Nnd	Description	Location
0.0	AUDIO COMP		* = AUDIO COMPONENTS	
1.0	1617 2800	D X	SX500 (UPPER BOARD)	
1.0	1050 0470		47R 0603 0.063W 2%	R35
1.0	1050 1470		470R 0603 0.063W 2%	R32
11.0	1050 2160		1K0 0603 0.063W 2%	R9,19,23,25,26,28,29,30 R34,36,37
1.0	1050 2470		4K7 0603 0.063W 2%	R13
1.0	1050 3100		10K 0603 0.063W 2%	R1,18,22,31
1.0	1050 3120		12K 0603 0.063W 2%	R2
2.0	1050 3150		15K 0603 0.063W 2%	R15,38
1.0	1050 3220		22K 0603 0.063W 2%	R14
1.0	1050 3330		33K 0603 0.063W 2%	R12
4.0	1050 3470		47K 0603 0.063W 2%	R4,6,10,27
3.0	1050 3680		68K 0603 0.063W 2%	R16,20,24
5.0	1050 4100		100K 0603 0.063W 2%	R5,7,8,21,33
1.0	1050 4470		470K 0603 0.063W 2%	R11
2.0	1050 5100		1M0 0603 0.063W 2%	R3,17
2.0	1060 3100		10K SM 25% 100mW	RV3,5
1.0	1060 3200		20K SM 25% 100mW	RV2
2.0	1060 4101		100K SM 25% 100mW	RV1,4
2.0	1165 0330		33PF 0603 COG 5%	C23,25
1.0	1165 1120		120pF 0603 COG 5%	C4*
2.0	1165 1220		220PF 0603 COG 5%	C1,22
4.0	1166 2100		1000PF 0603 X7R 10%	C6,7,8,26*
1.0	1166 2220		2200PF 0603 X7R 10%	C2*
3.0	1166 3100		0.01UF 0603 X7R 10%	C14,16,24
1.0	1166 3150		0.015UF 0603 X7R 10%	C5*
6.0	1169 4100		0.1UF 0603 Y5V +80/-20% 16	C3,17,18,20,21,28
1.0	1171 4330		0.33uF 0805 X7R 10% 16V	C11
3.0	1190 6100		10uF 6.3V 20% TANT CASE A	C9,12,13
1.0	1251 0021		BAT54S DIODE SOT23	D3
2.0	1251 0100		1SS355 DIODE SOD323 35V 22	D1,4
1.0	1262 0020		LF2951 1/29V 0.1A	IC9
4.0	1267 0060		DT124KTI46 NEW DIG.TRANS	TR2,3,6,7
1.0	1268 0020		BC857 0.1A-45V SOT23 3S/F/	TR1
2.0	1268 0030		DT114EK PNP DIGITAL SOT23	TR4,5
1.0	1275 0070		PIC16F840480 S/M MICRO	IC6 PROG BEFORE FITTING
1.0	1281 0010		TC4866P TOSHIBA WIDE TEMP	IC1
1.0	1283 0010		LM358M SM SURF/WT DUAL OP	IC3
1.0	1283 0020		TL062CD SM SM DUAL OP AMP	IC2
1.0	1750 4221		220nH LL2012-FHR22K 0805	L1
3.0	NOT FITTED		DO NOT FIT THESE COMPS	C15 D2 FLA

End of report

SX500 Parts List

PARTS LIST FOR ASSEMBLY: A SM1675 00 SX500 VCO 400-500MHz
 Issue:E X PROTO E CM3587 181199 JH

Qty	Component	Nnd Description	Location
1.0	1616 7500	D X SX500 VCO PCB	
0.0	SIDE 1	<--SIDE 1 COMPONENTS-->	
2.0	1051 1560	560E 0805 0.156W 2%	R4,10
1.0	1051 2150	1K5 0805 0.156W 2%	R6
1.0	1051 3100	10K 0805 0.156W 2%	R8
1.0	1170 0047	4.7PF 0805 COG 0.25P	C23
2.0	1251 0100	18S355 DIODE S0D323 35V 22	D6,7
2.0	1267 0011	BC847C 0.1A/45V SOT23 1G	TR4,6
1.0	1267 0060	DTCL24EKT146 NEW DIG.TRANS	TR3
1.0	1268 0030	DTB114RK PNP DIGITAL SOT23	TR5
0.0	SIDE 2	<--SIDE 2 COMPONENTS-->	
1.0	1051 0220	22E 0805 0.156W 2%	R3
2.0	1051 2470	4K7 0805 0.156W 2%	R2,9
3.0	1051 3100	10K 0805 0.156W 2%	R1,5,7
1.0	1170 0005	0.5pF 0805 COG 0.25pF	C18
1.0	1170 0010	1.0PF 0805 COG 0.25P	C5
2.0	1170 0018	1.8PF 0805 COG 0.25P	C3,21
1.0	1170 0027	2.7PF 0805 COG 0.25P	C20
1.0	1170 0068	6.8PF 0805 COG 0.25P	C10
1.0	1170 0082	8.2PF 0805 COG 0.25%	C6
1.0	1170 0100	10PF 0805 COG 5%	C7
1.0	1170 0150	15PF 0805 COG 5%	C19
3.0	1171 2101	1000PF 0805 X7R 10%	C2,13,22
1.0	1171 3100	0.01UF 0805 X7R 10%	C9
1.0	1171 4100	0.1UF 0805 X7R 10% 50V	C15
2.0	1185 0101	3/10pF SM TRIMMER	C4,8
1.0	1190 6100	100pF 6.3V 20% TANT CASE A	C1
1.0	1251 0020	BAT54 DIODE SOT23 L4	D8
5.0	1255 0040	15V229 15pF 2V VARICAP DIO	D1,2,3,4,5
2.0	1264 0060	HFRL520	TR1,2
1.0	1285 0050	UFCC712T 2GHz 30dB +3dBm	IC1
1.0	1750 3120	12nH SPRING 4T A04T	L1
1.0	1750 3182	18nH A05T-J 5%	L6
1.0	1750 3222	22nH LL2012-F22NK 0805	L5
2.0	1750 4221	220nH LL2012-FHR22K 0805	L2,3
1.0	NOT FITTED	DO NOT FIT THESE COMPS	L4

End of report