

Part List of SD-164

1. COVER ASSEMBLY (Part No. : 577-50C-A)

PART-NO.	NAME & DESCRIPTION			Q'TY	REFERENCE-NO
421-036-8	CONNECTOR PLUG	UG-1094/U(F)		1	
421-414-7	CONNECTOR	SCW-12-2(R) SW-2334		1	
427-415-8	WIRE COXIAL	SHD-60503		1	
612-036	(+)MACHINE SCREW(PH)	2X6 ZN-PLAT		3	
613-323	(+)MACHINE SCREW(BH)	3X8 NI-PLAT		4	
71A-061	COVER UPPER	ALDC 12		1	
71A-062	COVER BOTTOM	ALDC 12		1	
761-783-A	HEAT SINK	CUP T1.0 SN-PLATING		1	
772-295-A	SHIELD CAN	NSP T0.2		1	
772-363-A	SHIELD CAN	NSP T0.2		1	
772-403	SHIELD CAN(FORCOVER)	NSP T0.3		1	
772-427	SHIELD CAN(FRONT-END)	NSP T0.2		1	
772-429	SHIELD CAN(TCXO)	BSP T0.25 NI-PLATE		1	
772-597	SHIELD PLATE	NSP T0.3		1	
772-598	VCO CAN	NSP T0.2		1	
795-942	OVERLAY LED	LEXAN T0.25		1	
853-225	INSULATOR ANT	PC CR PLATE		4	
895-075	RUBBER WASHER	&6.2X&3.1XT0.5 N.B.R BLK		4	
895-157	GASKET	NEOPRENE 3M4262		1	
895-189	GASKET(SP-2850C)	0.4&1.2&X260 SILI.RUBB BLK		0	
896-007	CAP RUBBER	NBR		1	

2. CH SPACING ASSEMBLY (Part No. : 577-50C-SA)

PART-NO.	NAME & DESCRIPTION			Q'TY	REFERENCE-NO
263-418-0X	CRYSTAL	44.645M -30 15PM 32P	3RD	1	X1
270-336-7Z	DISCRIMINATOR CERAMIC	JTB455C24		1	Y1
270-342-2Y	FILTER CERAMIC	LTM455HW		1	CF2
270-343-3Y	FILTER CERAMIC	LTM455FW		1	CF1
271-225-5	FILTER CRYSTAL	45N15B4 45.1MHZ		0	XF2

3. DC-DC CONVERTER ASSEMBLY (Part No. : 577-50D-DCA)

PART-NO.	NAME & DESCRIPTION			Q'TY	REFERENCE-NO
05D-103-5Z	CHIP RESISTOR	10K 1/16W 5% T 1005		1	R801
05D-203-2Z	CHIP RESISTOR	20K 1/16W 5% T 1005		1	R806
05D-333-6Z	CHIP RESISTOR	33K 1/16W 5% T 1005		1	R802
05D-563-7Z	CHIP RESISTOR	56K 1/16W 5% T 1005		1	R805
06B-018-9	CHIP RESISTOR	0.033 1/10W 1% T 2012		1	R804
130-A73-6Y	CHIP CERAMIC	0.01UF GRM39 X7R103K 25V		1	C810
131-100-6Y	CHIP CERAMIC	0.1UF GRM39 X7R104K 50V PT		2	C802, 8
131-129-9Y	CHIP CERAMIC	100PF GRM36 COG101J 50V		3	C806, 805, 812
133-367-7Y	CHIP CERAMIC	330PF GRM36 X7R331K 50V		1	C803
135-115-6Y	CHIP CERAMIC	51PF GRM36 COG510J 50V		2	C801, 4
141-067-6Z	CHIP TANTALUM	100UF NRD107M16R12		2	C811, 5
142-253-5	CHIP TANTAL	TSM1V226 DSSR		1	C807
144-722-2	CHIP TANTALUM	4.7UF 293D475X0010A2T10V		1	C813
200-190-0	FET MOS	SI4412DY		2	Q801, 2
221-114-3	I.C DC/DC CONVERTOR	LTC1435CS (S0-16)		1	IC801
243-104-0	DIODE	KDS160		1	D801
243-127-1	DIODE SCHOTTKY	MBRS140T3 (403A-03)		1	D802
311-743-9	COIL INDUCTOR	12UH A814AY-120M=P3		1	L801
311-759-4	COIL INDUCTOR CHIP	3.3UH 636CY-3R3M=P3		1	L802

4. DIGITAL PCB SMD ASSEMBLY (Part No. : 577-50D-PS)

PART-NO.	NAME & DESCRIPTION			Q'TY	REFERENCE-NO
05B-000-5Z	CHIP RESISTOR	0 1/16W 5% T 1608		7	R(LK404, 7, 11, 7, 9, 23, 1)
05D-000-5Z	CHIP RESISTOR	0 1/16W 5% T 1005		3	R462, 523, 57

05D-100-2Z	CHIP RESISTOR	10	1/16W 5% T 1005	1	R475
05D-101-3Z	CHIP RESISTOR	100	1/16W 5% T 1005	10	R417, 23, 6, 58, 89, 505, 22, 31, 5, 49
05D-103-5Z	CHIP RESISTOR	10K	1/16W 5% T 1005	30	R403, 9-16, 24, 5, 44, 55-7, 60, 1, 6, 9, 71, 6, 83, 92-6. 533, 51, 4, 64
05D-104-6Z	CHIP RESISTOR	100K	1/16W 5% T 1005	12	R402, 4, 5, 7, 8, 21, 53, 9, 68, 74, 86. 556
05D-105-7Z	CHIP RESISTOR	1M	1/16W 5% T 1005	1	R467
05D-121-1Z	CHIP RESISTOR	120	1/16W 5% T 1005	2	R510, 1
05D-122-2Z	CHIP RESISTOR	1.2K	1/16W 5% T 1005	2	R443, 563
05D-124-4Z	CHIP RESISTOR	120K	1/16W 5% T 1005	2	R431, 2
05D-151-8Z	CHIP RESISTOR	150	1/16W 5% T 1005	1	R472
05D-184-8Z	CHIP RESISTOR	180K	1/16W 5% T 1005	1	R418
05D-203-2Z	CHIP RESISTOR	20K	1/16W 5% T 1005	3	R478, 82. 532
05D-221-8Z	CHIP RESISTOR	220	1/16W 5% T 1005	2	R487, 8
05D-223-0Z	CHIP RESISTOR	22K	1/16W 5% T 1005	6	R422, 70, 3, 85, 565, 9
05D-224-1Z	CHIP RESISTOR	220K	1/16W 5% T 1005	6	R420, 79. 513, 29, 62, 7
05D-242-7Z	CHIP RESISTOR	2.4K	1/16W 5% T 1005	1	R526
05D-273-5Z	CHIP RESISTOR	27K	1/16W 5% T 1005	3	R430, 42. 555
05D-302-8Z	CHIP RESISTOR	3K	1/16W 5% T 1005	1	R427
05D-303-9Z	CHIP RESISTOR	30K	1/16W 5% T 1005	2	R439, 40
05D-332-5Z	CHIP RESISTOR	3.3K	1/16W 5% T 1005	1	R419
05D-333-6Z	CHIP RESISTOR	33K	1/16W 5% T 1005	2	R477, 530
05D-363-3Z	CHIP RESISTOR	36K	1/16W 5% T 1005	1	R438
05D-392-9Z	CHIP RESISTOR	3.9K	1/16W 5% T 1005	1	R429
05D-393-0Z	CHIP RESISTOR	39K	1/16W 5% T 1005	1	R481
05D-472-8Z	CHIP RESISTOR	4.7K	1/16W 5% T 1005	6	R428, 37. 503, 4, 15, 20
05D-473-9Z	CHIP RESISTOR	47K	1/16W 5% T 1005	16	R435, 65, 84, 501, 2, 6, 7, 12, 6-9, 21, 4, 5. 570
05D-474-0Z	CHIP RESISTOR	470K	1/16W 5% T 1005	1	R550
05D-512-1Z	CHIP RESISTOR	5.1K	1/16W 5% T 1005	2	R441, 6
05D-563-7Z	CHIP RESISTOR	56K	1/16W 5% T 1005	1	R406
05D-683-2Z	CHIP RESISTOR	68K	1/16W 5% T 1005	2	R463, 534
05D-684-3Z	CHIP RESISTOR	680K	1/16W 5% T 1005	1	R500
05D-821-0Z	CHIP RESISTOR	820	1/16W 5% T 1005	1	R528
05D-823-2Z	CHIP RESISTOR	82K	1/16W 5% T 1005	1	R527
05D-912-9Z	CHIP RESISTOR	9.1K	1/16W 5% T 1005	1	R445
060-364-7	CHIP RESISTOR	360K	1/10W 5% T 2012	1	R433
060-433-6Z	CHIP RESISTOR	43K	1/10W 5% T 2012	2	R434, 6
075-223-1	RES.CHIP TRIMMER	22K	RH03E1CJ4X	1	RV401
075-473-0	RES.CHIP TRIMMER	47K	RH03E1CS4X	1	RV402
098-473-0	THERMISTOR CHIP	ECTH201208473H4100H		1	RTH402
130-A17-6Y	CHIP CERAMIC	0.001UF	GRM40 X7R102K 50V PT	1	C468
130-A99-0Y	CHIP CERAMIC	0.012UF	GRM39 X7R123K 25V PT	1	C411
130-B12-1Y	CHIP CERAMIC	0.001UF	GRM36 X7R102K 50V	8	C439, 64, 70, 2-6
130-B14-3Y	CHIP CERAMIC	0.0015UF	GRM36 X7R152K 50V	1	C406
130-B19-8Y	CHIP CERAMIC	0.1UF	GRM36 Y5V104Z 16V	7	C403, 18, 33, 63, 87. 511, 4
130-B36-3Y	CHIP CERAMIC	0.1UF	GRM36 X5R104K 10V	8	C413, 20, 32, 5, 44, 9, 52. 512
130-286-9Y	CHIP CERAMIC	0.0022UF	GRM36 X7R222K 50V	2	C405, 10
130-287-0Y	CHIP CERAMIC	0.0027UF	GRM36 X7R272K 50V	1	C446
130-294-9Y	CHIP CERAMIC	0.022UF	GRM36 X7R223K 16V	3	C416, 34, 6
130-359-5Y	CHIP CERAMIC	0.0033UF	GRM36 X7R332K 50V	4	C407, 8, 31, 45
130-365-0	CHIP CERAMIC	0.033UF	GRM36 X7R333K 10V	5	C426, 7, 88, 9, 90
130-447-1Y	CHIP CERAMIC	0.0047UF	GRM36 X7R472K 25V	1	C409
130-454-7	CHIP CERAMIC	0.047UF	GRM36 X7R473K 10V	6	C424, 5, 51, 4, 91. 513
130-624-4	CHIP CERAMIC	0.68UF	GRM40 Y5V684Z 16V PT	1	C430
130-629-9Y	CHIP CERAMIC	0.0068UF	GRM36 X7R682K 25V	1	C437
130-808-4Y	CHIP CERAMIC	0.082UF	GRM40 X7R823K 50V PT	1	C429
131-089-7Y	CHIP CERAMIC	1UF	GRM40 Y5V105Z 16V PT	3	C422, 38, 58
131-100-6Y	CHIP CERAMIC	0.1UF	GRM39 X7R104K 50V PT	1	C404
131-129-9Y	CHIP CERAMIC	100PF	GRM36 COG101J 50V	1	C443
131-257-5Y	CHIP CERAMIC	120PF	GRM36 COG121J 50V	1	C428
131-585-7Y	CHIP CERAMIC	150PF	GRM36 COG151J 50V	2	C401, 2
132-035-2Y	CHIP CERAMIC	200PF	GRM36 COG201J 50V	1	C440
132-288-1Y	CHIP CERAMIC	220PF	GRM36 X7R221J 50V	1	C493
133-112-3Y	CHIP CERAMIC	300PF	GRM36 X7R301K 50V	1	C423
133-366-6Y	CHIP CERAMIC	33PF	GRM36 COG330J 50V	2	C441, 2
134-779-1Y	CHIP CERAMIC	47PF	GRM36 COG470J 50V	2	C415, 7
134-780-1Y	CHIP CERAMIC	470PF	GRM36 X7R471K 50V	6	C450, 60, 5, 7, 81, 92
139-104-6	CHIP CERAMIC	910PF	GRM39 X7R911J 50V PT	1	C412
141-052-5Z	CHIP TANTALUM	100UF	293D107X0006E2T6V	1	C456
141-059-2	CHIP TANTALUM	10UF	293D106X006R3A2T6.3V	5	C448, 53, 9, 77. 507
141-060-2	CHIP TANTALUM	1UF	293D105X0025A2T25V	6	C421, 57, 61, 78, 82. 509
142-253-5	CHIP TANTAL	TSM1V226	DSSR	1	C469
144-722-2	CHIP TANTALUM	4.7UF	293D475X0010A2T10V	5	C414, 9, 62, 94. 508
144-729-8Z	CHIP TANTALUM	47UF	293D476X0016E2T16V	1	C455
202-095-8Z	TRANSISTOR	KRC104SND		6	Q403, 6, 8, 10, 1, 8
202-106-5Z	TRANSISTOR	STA1037Y		2	Q407, 17
218-057-7Y	TRANSISTOR(BRT)	SRA2204S		3	Q401, 2, 13
220-655-0	I.C CMOS SW	TC7S66FU	(SSOP5PA)(MAX-2000)	1	IC418
221-571-2	I.C EEPROM	CS124WC04J-TE13		1	IC402
221-773-8	I.C CPU	TMP87PS68DF		1	IC401
221-795-8	I.C OP AMP	NJM12903V		1	IC403
222-018-5A	I.C	KIA324F-EL		5	IC404, 5, 8, 11, 6
222-023-9A	I.C DETECTOR	KIA7042F		1	IC414

223-224-9	I, C	MC14066BDR2: S014	2	IC406, 7
223-261-2	I, C	MC14053BD	1	IC409
231-038-1Z	I, C	S1A0386A01-SOT0&SOP	1	IC412
231-073-3Z	I, C	MSNBLPS	1	IC410
241-179-8	DIODE ZENER CHIP	Z02W5.6Y 5.6V 0.2W (SOT-23)	4	D404, 5, 6, 10
243-063-6	DIODE SWITCHING	KDS181S A3	1	D402
251-286-4	LED LAMP	L-319EGW(3& RED/GRN)	1	LED401
263-472-8	CRYSTAL RESONATOR	8.0M -20 30PPM 18PF	1	X401
310-659-2	COIL CHIP	10UH:LER015T100K	1	L401
416-145-A	P, C, B DIGITAL B'D	93 X55 X1.0 FR4 2/S	1	
421-001-9	CONNECTOR FEMALE	18PIN DUAL LINE	1	CON405
421-002-1	CONNECTOR FEMALE	6PIN SINGLE LINE	1	CON404
421-002-2	CONNECTOR D-SUB	DS108X-X-15X-X	1	CON401
422-746-1	CONNECTOR	52231-1417	1	CON403
431-183-0	SW DIP	KSD-04	1	SW401

5. PACKING ASSEMBLY (Part No. : 577-50P-A)

PART-NO.	NAME & DESCRIPTION		Q'TY	REFERENCE-NO
509-181	POWER CORD ASS'Y	OSPREY	1	
91D-219	BOX OUT	DW1E 320(W)X290(D)X175(H)	0	
91D-220	BOX INNER	SW1S "E" 175(W)X158(D)X58(H)	1	
921-015-E	POLYBAG	P, E 100X150XT0.05	1	

6. RF CIRCUIT ASSEMBLY (Part No. : 577-50R-CA)

PART-NO.	NAME & DESCRIPTION		Q'TY	REFERENCE-NO
05D-000-5Z	CHIP RESISTOR	0 1/16W 5% T 1005	7	R105, 9, 10, 1, LK3, 5, 7, 10
05D-100-2Z	CHIP RESISTOR	10 1/16W 5% T 1005	1	R53
05D-101-3Z	CHIP RESISTOR	100 1/16W 5% T 1005	8	R1, 2, 12, 14, 38, 70, 88, 99
05D-102-4Z	CHIP RESISTOR	1K 1/16W 5% T 1005	4	R47, 69, 85, 7
05D-103-5Z	CHIP RESISTOR	10K 1/16W 5% T 1005	13	R7, 8, 16, 20, 4, 6, 46, 78, 80, 2, 3, 100, 1
05D-104-6Z	CHIP RESISTOR	100K 1/16W 5% T 1005	1	R93
05D-105-7Z	CHIP RESISTOR	1M 1/16W 5% T 1005	1	R51
05D-121-1Z	CHIP RESISTOR	120 1/16W 5% T 1005	1	R39
05D-122-2Z	CHIP RESISTOR	1.2K 1/16W 5% T 1005	4	R5, 6, 22, 28
05D-123-3Z	CHIP RESISTOR	12K 1/16W 5% T 1005	2	R52, 35
05D-152-9Z	CHIP RESISTOR	1.5K 1/16W 5% T 1005	1	R48
05D-154-1Z	CHIP RESISTOR	150K 1/16W 5% T 1005	1	R37
05D-180-4Z	CHIP RESISTOR	18 1/16W 5% T 1005	2	R13, 33
05D-182-6Z	CHIP RESISTOR	1.8K 1/16W 5% T 1005	1	R73
05D-184-8Z	CHIP RESISTOR	180K 1/16W 5% T 1005	1	R92
05D-203-2Z	CHIP RESISTOR	20K 1/16W 5% T 1005	1	R23
05D-221-8Z	CHIP RESISTOR	220 1/16W 5% T 1005	3	R49, 31, 56
05D-222-9Z	CHIP RESISTOR	2.2K 1/16W 5% T 1005	3	R54, 72, 104
05D-223-0Z	CHIP RESISTOR	22K 1/16W 5% T 1005	4	R74, 76, 81, 84
05D-272-4Z	CHIP RESISTOR	2.7K 1/16W 5% T 1005	2	R10, 11
05D-301-7Z	CHIP RESISTOR	300 1/16W 5% T 1005	2	R34, 32
05D-330-3Z	CHIP RESISTOR	33 1/16W 5% T 1005	1	R98
05D-332-5Z	CHIP RESISTOR	3.3K 1/16W 5% T 1005	2	R50, 79
05D-333-6Z	CHIP RESISTOR	33K 1/16W 5% T 1005	1	R21
05D-334-7Z	CHIP RESISTOR	330K 1/16W 5% T 1005	1	R75
05D-390-7Z	CHIP RESISTOR	39 1/16W 5% T 1005	1	R62
05D-470-6Z	CHIP RESISTOR	47 1/16W 5% T 1005	2	R17, 64
05D-472-8Z	CHIP RESISTOR	4.7K 1/16W 5% T 1005	4	R30, 90, 95, 97
05D-473-9Z	CHIP RESISTOR	47K 1/16W 5% T 1005	5	R15, 91, 113, 114, 115
05D-474-0Z	CHIP RESISTOR	470K 1/16W 5% T 1005	1	R71
05D-475-1Z	CHIP RESISTOR	4.7M 1/16W 5% T 1005	1	R57
05D-510-9Z	CHIP RESISTOR	51 1/16W 5% T 1005	1	R68
05D-513-2Z	CHIP RESISTOR	51K 1/16W 5% T1005	1	R94
05D-562-6Z	CHIP RESISTOR	5.6K 1/16W 5% T 1005	3	R9, 29, 96
05D-563-7Z	CHIP RESISTOR	56K 1/16W 5% T 1005	1	R77
05D-682-1Z	CHIP RESISTOR	6.8K 1/16W 5% T 1005	1	R36
05D-684-3Z	CHIP RESISTOR	680K 1/16W 5% T 1005	1	R25
05D-911-8Z	CHIP RESISTOR	910 1/16W 5% T 1005	2	R3, 4
05G-104-6Z	CHIP RESISTOR	100K 1/16W 1% T 1005	2	R59, 61
05G-683-2Z	CHIP RESISTOR	68K 1/16W 1% T 1005	2	R58, 60
059-000-0Z	CHIP RESISTOR	0 1/ 8W 5% T 3216	1	R(LK1)
06F-108-3	CHIP RESISTOR	0.1 1W 1% 1218	1	R63
060-000-8Z	CHIP RESISTOR	0 1/10W 5% T 2012	1	R42
060-229-9Z	CHIP RESISTOR	2.2 1/10W 5% T 2012	3	R43, 44, 45
060-474-3Z	CHIP RESISTOR	470K 1/10W 5% T 2012	3	R65, 40, 41
075-103-6	RES,CHIP TRIMMER	10K RH03E1C14X	1	RV4

075-104-7	RES.CHIP TRIMMER	100K	RH03E1C15X	1	RV2
075-223-1	RES.CHIP TRIMMER	22K	RH03E1CJ4X	2	RV5.6
075-473-0	RES.CHIP TRIMMER	47K	RH03E1CS4X	1	RV1
130-B12-1Y	CHIP CERAMIC	0.001UF	GRM36 X7R102K 50V	6	C15.71,5.81.108,9
130-B16-5Y	CHIP CERAMIC	0.01UF	GRM36 X7R103K 16V	7	C11.45.69.84.86.96.103.
130-B19-8Y	CHIP CERAMIC	0.1UF	GRM36 Y5V104Z 16V	9	C10,4.80,5,7.97.107,10,1
130-B36-3Y	CHIP CERAMIC	0.1UF	GRM36 X5R104K 10V	5	C46.72,4,6.95
130-443-7	CHIP CERAMIC	0.47UF	GRM40 Y5V474Z 16V PT	1	C54
130-447-1Y	CHIP CERAMIC	0.0047UF	GRM36 X7R472K 25V	2	C93.94
131-089-7Y	CHIP CERAMIC	1UF	GRM40 Y5V105Z 16V PT	4	C12.22.68.99
131-256-4Y	CHIP CERAMIC	12PF	GRM36 COG120J 50V	1	C25
131-584-6Y	CHIP CERAMIC	15PF	GRM36 COG150J 50V	1	C77
131-851-7Y	CHIP CERAMIC	18PF	GRM36 COG180J 50V	1	C66
132-289-2Y	CHIP CERAMIC	220PF	GRM36 COH221J 25V	10	C5.9.18.23.49.98.101,4,5,6
132-750-4Y	CHIP CERAMIC	27PF	GRM36 COG270J 50V	1	C78
133-110-1Y	CHIP CERAMIC	3PF	GRM36 COG030C 50V	1	C21
133-111-2Y	CHIP CERAMIC	30PF	GRM36 COG300J 50V	1	C70
133-366-6Y	CHIP CERAMIC	33PF	GRM36 COG330J 50V	1	C79
134-761-4Y	CHIP CERAMIC	470PF	GRM40 COG471J 50V PT	2	C34.40
134-779-1Y	CHIP CERAMIC	47PF	GRM36 COG470J 50V	1	C102
134-780-1Y	CHIP CERAMIC	470PF	GRM36 X7R471K 50V	20	C7.13,9.20,6,7,42,3,4,8.50,3.55-60.89.90,2.112
135-023-6Y	CHIP CERAMIC	5PF	GRM36 COG050C 50V	1	C100
136-018-7Y	CHIP CERAMIC	6PF	GRM36 COG060D 50V	1	C8
138-245-6Y	CHIP CERAMIC	82PF	GRM36 COG820J 50V	2	C64.73
141-059-2	CHIP TANTALUM	10UF	293D106X06R3A2T6.3V	5	C6.16.17.83.88
141-060-2	CHIP TANTALUM	1UF	293D105X0025A2T25V	1	C51
141-072-3Y	CHIP TANTALUM	10UF	TSM1A106ASSR 10V	1	C47
144-722-2	CHIP TANTALUM	4.7UF	293D475X0010A2T10V	3	C52.82.91
180-126-6Z	METAL POLY CAP	0.01UF	63V	2	C3.4
180-209-8	METAL POLY CAP	0.022UF	223K 63V BOX	1	C2
180-301-7Z	METAL POLY CAP	0.33UF	63V	1	C1
200-003-5	TRANSISTOR	BFR92A	REEL	3	Q9.16.19
200-113-1	TRANSISTOR	KTC4075		2	Q3.4
200-114-2	TRANSISTOR	KTA2014		2	Q5.6
202-092-5Z	TRANSISTOR(BRT)	SRA2210S		2	Q1.2
202-095-8Z	TRANSISTOR	KRC104SND		5	Q14.17.18.21.24
202-113-1Z	TRANSISTOR	2SC5343S(L)		4	Q8.12.15.20
202-116-4	TRANSISTOR	KTA1663		1	Q11
203-181-7Z	TRANSISTOR	PBR951		1	Q10
218-057-7Y	TRANSISTOR(BRT)	SRA2204S		2	Q7.22
220-520-1	I.C IF DETECT	TA31136FN		1	IC6
221-344-6Z	I.C VOLT. REGULATOR	TK71750SCL		1	IC1
221-555-8	I.C PLL	MB15A02PFV1	(FPT-16P-M05)	1	IC2
221-762-8	I.C OPAMP	NJM12904V		3	IC3.4.5
243-052-6	DIODE SI CHIP	KDS193		1	D2
243-063-6	DIODE SWITCHING	KDS181S A3		2	D8.9
243-087-8	DIODE CHIP	UPP9401(T&R)50V	2.5W	2	D3.5
243-122-6	SCHOTTKY DIODE	HSMS-2817 #L31		1	D6
300-251-3Z	TRANSFORMER	BU32-869294		2	T1.2
310-859-6	COIL CHIP	18NH:LL2012-F18NM		2	L4.5
312-129-0	COIL INDUCTOR CHIP	0.56UH	SWI0805FTR56	1	L12
312-131-1	COIL INDUCTOR CHIP	0.82UH	SWI0805FTR82	1	L6
312-132-2	COIL INDUCTOR CHIP	1UH	SWI0805FT1R0	1	L15
312-137-7	COIL INDUCTOR CHIP	2.7UH	SWI0805FT2R7	1	L16
312-144-3	COIL INDUCTOR CHIP	10UH	SWI0805FT100	1	L1
312-187-2	COIL INDUCTOR CHIP	18NH	SWI0603CT18N	3	L2,3.14
312-199-3	COIL INDUCTOR CHIP	150NH	SWI0603CTR15	1	L11
416-146-A	P.C.B RF B'D	56.6 X92	X1.6 FR4 2/S	1	
421-001-8	CONNECTOR MALE	18PIN DUAL LINE		1	CON1

7. TCXO ASSEMBLY (Part No. : 577-50T-CX0)

PART-NO.	NAME & DESCRIPTION	Q'TY	REFERENCE-NO
594-173	LOW COST"A"TCXO ASSY	1	
05B-102-4Z	CHIP RESISTOR 1K 1/16W 5% T 1608	1	R10
05B-103-5Z	CHIP RESISTOR 10K 1/16W 5% T 1608	1	R9
05B-104-6Z	CHIP RESISTOR 100K 1/16W 5% T 1608	2	R13.15
05B-122-2Z	CHIP RESISTOR 1.2K 1/16W 5% T 1608	1	R1
05B-152-9Z	CHIP RESISTOR 1.5K 1/16W 5% T 1608	1	R16
05B-154-1Z	CHIP RESISTOR 150K 1/16W 5% T 1608	1	R4
05B-203-2Z	CHIP RESISTOR 20K 1/16W 5% T 1608	1	R2
05B-393-0Z	CHIP RESISTOR 39K 1/16W 5% T 1608	1	R5
05B-473-9Z	CHIP RESISTOR 47K 1/16W 5% T 1608	5	R7.8.12.14.11
05B-563-7Z	CHIP RESISTOR 56K 1/16W 5% T 1608	1	R6
05B-564-8Z	CHIP RESISTOR 560K 1/16W 5% T 1608	1	R3
097-103-6	THERMISTOR CHIP 10K NTCCM20123NH103JCT	1	TH1
097-473-6	THERMISTOR CHIP NTCCM 16084LH 473JC 47K	1	TH2
130-A74-7Y	CHIP CERAMIC 0.1UF GRM39 Y5V104Z 25V PT	1	C3

131-137-6Y	CERAMIC CHIP	100PF GRM39 U2J101J 50V	1	C2
131-564-8Y	CHIP CERAMIC	15PF GRM39 COG150J 50V PT	1	C1
132-275-2	CHIP CERAMIC	22PF GRM39 U2J220J 50V PT	1	C5
132-735-1Y	CHIP CERAMIC	270PF GRM39 COG271J 50V PT	1	C6
134-012-1Y	CHIP CERAMIC	4PF GRM39 COG040C 50V PT	1	C4
172-021-1	TRIMMER	20PF TZC03P200A110	1	CT1
202-082-6	TRANSISTOR	KTA1504ST1(G)	1	Q2
202-112-0	TRANSISTOR	KTC3875S(GR)	2	Q4.3
202-153-7	TRANSISTOR	KTC3880SY	1	Q1
242-011-4	DIODE VARICAP	MMBV109	1	D1
242-025-7	DIODE VARACTOR CHIP	HVU300ATRU 30V	1	D2
263-374-3	CRYSTAL CA303HS	12.8MHZ 3PPM 14PF	1	X1
				"A"RANK FOR LMR TCXO
406-785-A	P.C.B TCXO	19X11X0.8T FR4	1	
772-429	SHIELD CAN(TCXO)	BSP T0.25 NI-PLATE	1	
860-172	PIN	TCXO PIN BRASS TIN PLATED	4	PIN
906-542	INSULATION PLATE	FIBER T0.3	1	

8. U2 BAND LPF ASSEMBLY (Part No. : 577-50U-2BL)

PART-NO.	NAME & DESCRIPTION	Q'TY	REFERENCE-NO
131-103-5Y	CHIP CERAMIC 11PF GRM40 COG110J 50V PT	2	C37,8
131-559-4Y	CHIP CERAMIC 1.5PF GRM40 COG1R5C 50V PT	1	C36
132-011-0Y	CHIP CERAMIC 2PF GRM40 COG020C 50V PT	1	C39
133-014-8Y	CHIP CERAMIC 3PF GRM40 COG030C 50V PT	1	C41
311-167-9	COIL SPRING 1X0.35X7T:R	1	L10
311-301-3	COIL SPRING 2X0.75X3T:L SMD	3	L7.8.9

9. U2 FRONT-END ASSEMBLY (Part No. : 577-50U-2FA)

PART-NO.	NAME & DESCRIPTION	Q'TY	REFERENCE-NO
05D-000-5Z	CHIP RESISTOR 0 1/16W 5% T 1005	1	R(C607)
05D-303-9Z	CHIP RESISTOR 30K 1/16W 5% T 1005	1	R601
05D-470-6Z	CHIP RESISTOR 47 1/16W 5% T 1005	1	R602
131-127-7Y	CHIP CERAMIC 10PF GRM36 COG100D 50V	2	C617,8
131-128-8Y	CHIP CERAMIC 11PF GRM36 COG110J 50V	1	C603
131-256-4Y	CHIP CERAMIC 12PF GRM36 COG120J 50V	3	C608,16,9
132-012-1Y	CHIP CERAMIC 20PF GRM40 COG200J 50V PT	1	C(L603)
132-033-0Y	CHIP CERAMIC 2PF GRM36 COG020C 50V	1	C602
133-110-1Y	CHIP CERAMIC 3PF GRM36 COG030C 50V	1	C623
133-366-6Y	CHIP CERAMIC 33PF GRM36 COG330J 50V	1	C605
133-941-8Y	CHIP CERAMIC 3.9PF GRM36 COG3R9C 50V	1	C622
134-018-7Y	CHIP CERAMIC 4PF GRM36 COG040C 50V	1	C615
134-779-1Y	CHIP CERAMIC 47PF GRM36 COG470J 50V	1	C609
134-780-1Y	CHIP CERAMIC 470PF GRM36 X7R471K 50V	1	C611
135-023-6Y	CHIP CERAMIC 5PF GRM36 COG050C 50V	1	C621
135-651-3Y	CHIP CERAMIC 5.6PF GRM36 COG5R6D 50V	1	C601
137-017-1Y	CHIP CERAMIC 7PF GRM36 COG070D 50V	3	C604,13,20
138-247-8Y	CHIP CERAMIC 8.2PF GRM36 COG8R2D 50V	1	C612
139-009-4Y	CHIP CERAMIC 9PF GRM36 COG090D 50V	1	C614
200-307-0	TRANSISTER NPN AT-41532	1	Q601
243-049-4Y	DIODE SWITCHING SDS7000	1	D601
311-943-3	COIL SPRING 14NH 03095TL	3	L604,7,8
311-982-8	SPRING COIL(SMD) 0.30X0.90\$X4T(R)	5	L601,2,5,6,9

10. U2 POWER MODULE ASSEMBLY (Part No. : 577-50U-2PA)

PART-NO.	NAME & DESCRIPTION	Q'TY	REFERENCE-NO
05D-220-7Z	CHIP RESISTOR 22 1/16W 5% T 1005	1	R707
05D-272-4Z	CHIP RESISTOR 2.7K 1/16W 5% T 1005	1	R701
05D-339-2Z	CHIP RESISTOR 3.3 1/16W 5% T 1005	1	R710
05D-682-1Z	CHIP RESISTOR 6.8K 1/16W 5% T 1005	1	R702
05D-689-8Z	CHIP RESISTOR 6.8 1/16W 5% T 1005	1	R703
05D-820-9Z	CHIP RESISTOR 82 1/16W 5% T 1005	1	R709
059-000-0Z	CHIP RESISTOR 0 1/ 8W 5% T 3216	1	R(LK701)
130-A17-6Y	CHIP CERAMIC 0.001UF GRM40 X7R102K 50V PT	1	C711
130-B16-5Y	CHIP CERAMIC 0.01UF GRM36 X7R103K 16V	1	C709
130-286-9Y	CHIP CERAMIC 0.0022UF GRM36 X7R222K 50V	1	C720
131-127-7Y	CHIP CERAMIC 10PF GRM36 COG100D 50V	1	C702

131-816-6Y	CHIP CERAMIC	18PF	GRM40 COG180J 50V PT	1	C716
132-220-2Y	CHIP CERAMIC	220PF	GRM40 COG221J 50V PT	1	C712
132-287-0Y	CHIP CERAMIC	22PF	GRM36 COG220J 50V	1	C701
132-288-1Y	CHIP CERAMIC	220PF	GRM36 X7R221J 50V	1	C703
132-407-5Y	CHIP CERAMIC	24PF	GRM40 COG240J 50V PT	1	C708
133-110-1Y	CHIP CERAMIC	3PF	GRM36 COG030C 50V	1	C704
133-321-5Y	CHIP CERAMIC	3.3PF	GRM40 COG3R3C 50V PT	2	C715,21
135-010-4Y	CHIP CERAMIC	5PF	GRM40 COG050C 50V PT	1	C707
135-627-2Y	CHIP CERAMIC	5.6PF	GRM40 COG5R6C 50V PT	1	C722
136-005-5Y	CHIP CERAMIC	6PF	GRM40 COG060D 50V PT	1	C714
137-007-1Y	CHIP CERAMIC	7PF	GRM40 COG070D 50V PT	1	C713
138-004-4Y	CHIP CERAMIC	8PF	GRM40 COG080D 50V PT	1	C705
200-302-5	FET RF POWER	2SK3079A		1	Q703
203-181-7Z	TRANSISTOR	PBR951		1	Q701
311-167-9	COIL SPRING	1X0.35X7T:R		1	L705
311-845-8	COIL INDUCTOR CHIP	15NH	HK1005 15NJT	1	L(R705)
311-982-8	SPRING COIL(SMD)	0.30X0.90\$X4T(R)		1	L701
312-180-5	COIL INDUCTOR CHIP	3.9NH	SWI0603CT3N9	1	L704

11. U2 BAND RF ASSEMBLY (Part No. : 577-50U-2RA)

PART-NO.	NAME & DESCRIPTION			Q'TY	REFERENCE-NO
131-039-1Y	CHIP CERAMIC	10PF	GRM40 COG100C 50V PT	1	C61
131-584-6Y	CHIP CERAMIC	15PF	GRM36 COG150J 50V	1	C30
132-033-0Y	CHIP CERAMIC	2PF	GRM36 COG020C 50V	1	C24
132-750-4Y	CHIP CERAMIC	27PF	GRM36 COG270J 50V	1	C32
135-651-3Y	CHIP CERAMIC	5.6PF	GRM36 COG5R6D 50V	1	C33
136-018-7Y	CHIP CERAMIC	6PF	GRM36 COG060D 50V	1	C31
136-859-0Y	CHIP CERAMIC	6.8PF	GRM36 COG6R8D 50V	1	C28
137-017-1Y	CHIP CERAMIC	7PF	GRM36 COG070D 50V	2	C29.62

12. U2 RX VCO ASSEMBLY (Part No. : 577-50U-2RV)

PART-NO.	NAME & DESCRIPTION			Q'TY	REFERENCE-NO
05D-101-3Z	CHIP RESISTOR	100	1/16W 5% T 1005	1	R302
05D-222-9Z	CHIP RESISTOR	2.2K	1/16W 5% T 1005	2	R306,7
05D-271-3Z	CHIP RESISTOR	270	1/16W 5% T 1005	1	R309
05D-472-8Z	CHIP RESISTOR	4.7K	1/16W 5% T 1005	1	R308
131-127-7Y	CHIP CERAMIC	10PF	GRM36 COG100D 50V	1	C315
131-128-8Y	CHIP CERAMIC	11PF	GRM36 COG110J 50V	2	C303.312
131-583-5Y	CHIP CERAMIC	1.5PF	GRM36 COG1R5C 50V	1	C309
132-288-1Y	CHIP CERAMIC	220PF	GRM36 X7R221J 50V	3	C301.316,7
133-110-1Y	CHIP CERAMIC	3PF	GRM36 COG030C 50V	1	C313
134-018-7Y	CHIP CERAMIC	4PF	GRM36 COG040C 50V	2	C311,8
135-023-6Y	CHIP CERAMIC	5PF	GRM36 COG050C 50V	1	C307
176-016-7	CHIP TRIMMER	6PF	TZV02Z060A100	1	C308
200-277-6	TRANSISTOR	2SC5086		2	Q301,2
242-022-4	DIODE VARICAP CHIP	1SV229		1	D301
310-913-1	COIL SPRING	1.0X0.45X4T:R(SMD)		1	L303
312-131-1	COIL INDUCTOR CHIP	0.82UH	SWI0805FTR82	1	L304
312-190-4	COIL INDUCTOR CHIP	33NH	SWI0603CT33N	1	L305
312-197-1	COIL INDUCTOR CHIP	100NH	SWI0603CTR10	1	L301

13. U2 TX VCO ASSEMBLY (Part No. : 577-50U-2TV)

PART-NO.	NAME & DESCRIPTION			Q'TY	REFERENCE-NO
05D-000-5Z	CHIP RESISTOR	0	1/16W 5% T 1005	1	R201
05D-101-3Z	CHIP RESISTOR	100	1/16W 5% T 1005	1	R202
05D-104-6Z	CHIP RESISTOR	100K	1/16W 5% T 1005	1	R203
05D-222-9Z	CHIP RESISTOR	2.2K	1/16W 5% T 1005	2	R206,7
05D-271-3Z	CHIP RESISTOR	270	1/16W 5% T 1005	1	R209
05D-472-8Z	CHIP RESISTOR	4.7K	1/16W 5% T 1005	1	R208
130-B12-1Y	CHIP CERAMIC	0.001UF	GRM36 X7R102K 50V	1	C214
130-525-8Y	CHIP CERAMIC	0.5PF	GRM36 COG0R5C 50V	1	C206
130-707-6Y	CHIP CERAMIC	0.75PF	GRM36 COG0R75C50V	1	C204
131-256-4Y	CHIP CERAMIC	12PF	GRM36 COG120J 50V	1	C212
131-583-5Y	CHIP CERAMIC	1.5PF	GRM36 COG1R5C 50V	2	C205,9
131-853-9Y	CHIP CERAMIC	1.8PF	GRM36 COG1R8C 50V	1	C207
132-288-1Y	CHIP CERAMIC	220PF	GRM36 X7R221J 50V	2	C216,7

133-110-1Y	CHIP CERAMIC	3PF	GRM36 COG030C 50V	1	C213
134-018-7Y	CHIP CERAMIC	4PF	GRM36 COG040C 50V	2	C211, 8
134-780-1Y	CHIP CERAMIC	470PF	GRM36 X7R471K 50V	1	C201
137-017-1Y	CHIP CERAMIC	7PF	GRM36 COG070D 50V	1	C215
139-009-4Y	CHIP CERAMIC	9PF	GRM36 COG090D 50V	1	C203
176-016-7	CHIP TRIMMER	6PF	TZV02Z060A100	1	C208
200-277-6	TRANSISTOR	2SC5086		2	Q201, 2
242-022-4	DIODE VARICAP CHIP	1SV229		2	D201, 2
310-913-1	COIL SPRING	1.0X0.45X4T: R(SMD)		1	L203
312-128-9	COIL INDUCTOR CHIP	0.47UH	SWI0805FTR47	1	L202
312-131-1	COIL INDUCTOR CHIP	0.82UH	SWI0805FTR82	1	L204
312-188-3	COIL INDUCTOR CHIP	22NH	SWI0603CT22N	1	L205
312-197-1	COIL INDUCTOR CHIP	100NH	SWI0603CTR10	1	L201

14. VOLTAGE DOUBLER ASSEMBLY (Part No. : 577-50V-DA)

PART-NO.	NAME & DESCRIPTION	Q'TY	REFERENCE-NO
05D-222-9Z	CHIP RESISTOR 2.2K 1/16W 5% T 1005	2	R905, 7
05D-273-5Z	CHIP RESISTOR 27K 1/16W 5% T 1005	2	R901, 3
05D-470-6Z	CHIP RESISTOR 47 1/16W 5% T 1005	1	R908
05D-472-8Z	CHIP RESISTOR 4.7K 1/16W 5% T 1005	1	R906
05D-752-1Z	CHIP RESISTOR 7.5K 1/16W 5% T 1005	2	R902, 4
060-000-8Z	CHIP RESISTOR 0 1/10W 5% T 2012	1	D903
130-B16-5Y	CHIP CERAMIC 0.01UF GRM36 X7R103K 16V	6	C904, 5, 8, 9, 10, 1
132-288-1Y	CHIP CERAMIC 220PF GRM36 X7R221J 50V	2	C901, 2
200-113-1	TRANSISTOR KTC4075	4	Q901, 2, 3, 4
200-114-2	TRANSISTOR KTA2014	1	Q905
243-049-4Y	DIODE SWITCHING SDS7000	2	D901, 2