

Part List of SD-161

1. COVER ASSEMBLY (Part NO. : 577-49C-A)

PART-NO.	NAME & DESCRIPTION	Q'TY	REFERENCE-NO
577-49C-A	COVER ASS'Y	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 TO.2	1	
772-363-A	SHIELD CAN NSP TO.2	1	
772-403	SHIELD CAN(FORCOVER)NSP TO.3	1	
772-427	SHIELD CAN(FRONT-END)NSP TO.2	1	
772-429	SHIELD CAN(TCX0) BSP TO.25 NI-PLATE	1	
772-597	SHIELD PLATE NSP TO.3	1	
772-598	VCO CAN NSP TO.2	1	
795-942	OVERLAY LED LEXAN TO.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. : 577-49C-SA)

PART-NO.	NAME & DESCRIPTION	Q'TY	REFERENCE-NO
577-49C-SA	CH SPACING ASS'Y	1	
263-418-0X	CRYSTAL 44.645M -30 15PM 32P	3RD 1	X1
270-336-7Z	DISCRIMINATOR CERAMIJTBC455C24	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	0.5	XF2

3. DC-DC CONVERTER ASSEMBLY (Part No. : 577-49D-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 C0G101J 50V	3	C806,805,812
133-367-7Y	CHIP CERAMIC 330PF GRM36 X7R331K 50V	1	C803
135-115-6Y	CHIP CERAMIC 51PF GRM36 C0G510J 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	S14412DY	2	Q801,2
221-114-3	I.C DC/DC CONVERTOR	LTC1435CS (S0-16)	10	IC801
243-104-0	DIODE	KDS160	1	D801
243-127-1	DIODE SCHOTTKY	MBRS140T3 (403A-03)	10	D802
311-743-9	COIL INDUCTOR	12UH A814AY-120M=P3	10	L801
311-759-4	COIL INDUCTOR CHIP	3.3UH 636CY-3R3M=P3	10	L802

4. DIGITAL PCB SMD ASSEMBLY (Part No. : 577-49D-PS)

PART-NO.	NAME & DESCRIPTION	Q'TY	REFERENCE-NO
05B-000-5Z	CHIP RESISTOR 0 1/16W 5% T 1608	7	R(LK404,7,11,7,9,21,3)
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	10	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	6D	R428,37,503,4,15,20
05D-473-9Z	CHIP RESISTOR 47K 1/16W 5% T 1005	16D	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	1D	R550
05D-512-1Z	CHIP RESISTOR 5.1K 1/16W 5% T 1005	2D	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	1D	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	1D	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 C0G101J 50V	1	C443
131-257-5Y	CHIP CERAMIC	120PF GRM36 C0G121J 50V	1	C428
131-585-7Y	CHIP CERAMIC	150PF GRM36 C0G151J 50V	2	C401, 2
132-035-2Y	CHIP CERAMIC	200PF GRM36 C0G201J 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 C0G330J 50V	2	C441, 2
134-779-1Y	CHIP CERAMIC	47PF GRM36 C0G470J 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 293D106X06R3A2T6.3V	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:LERO15T100K	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. : 577-49P-A)

PART-NO.	NAME & DESCRIPTION	Q'TY	REFERENCE-NO
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509-181	POWER CORD ASS'Y	OSPREY	1
910-219	BOX OUT	DW1E 320(W)X290(D)X175(H)	0.1
910-220	BOX INNER	SW1S "E" 175(W)X158(D)X58(H)	1
921-015-E	POLYBAG	P.E 100X150XT0.05	1
959-046-B	LABEL NAME	POLYESTER 39.5X20.5	1

6. RF CIRCUIT ASSEMBLY (Part No. : 577-49R-CA)

PART-NO.	NAME & DESCRIPTION	Q'TY	REFERENCE-NO
050-000-5Z	CHIP RESISTOR 0 1/16W 5% T 1005	9	R27.108,10-2.LK3.5.7.10
050-100-2Z	CHIP RESISTOR 10 1/16W 5% T 1005	1	R53
050-101-3Z	CHIP RESISTOR 100 1/16W 5% T 1005	9	R1.2.12-4.38.70.88.99
050-102-4Z	CHIP RESISTOR 1K 1/16W 5% T 1005	6	R5.6.47.69.85.7
050-103-5Z	CHIP RESISTOR 10K 1/16W 5% T 1005	13	R7.8.16.8.20.6.46.78.80.2.3. 100,1
050-104-6Z	CHIP RESISTOR 100K 1/16W 5% T 1005	3	R15.9.93
050-105-7Z	CHIP RESISTOR 1M 1/16W 5% T 1005	1	R51
050-122-2Z	CHIP RESISTOR 1.2K 1/16W 5% T 1005	1	R22
050-123-3Z	CHIP RESISTOR 12K 1/16W 5% T 1005	2	R52.35
050-152-9Z	CHIP RESISTOR 1.5K 1/16W 5% T 1005	2	R48.73
050-154-1Z	CHIP RESISTOR 150K 1/16W 5% T 1005	1	R37
050-180-4Z	CHIP RESISTOR 18 1/16W 5% T 1005	1	R33
050-182-6Z	CHIP RESISTOR 1.8K 1/16W 5% T 1005	1	R72
050-184-8Z	CHIP RESISTOR 180K 1/16W 5% T 1005	1	R92
050-203-2Z	CHIP RESISTOR 20K 1/16W 5% T 1005	1	R23
050-220-7Z	CHIP RESISTOR 22 1/16W 5% T 1005	1	R64
050-221-8Z	CHIP RESISTOR 220 1/16W 5% T 1005	2	R49.31
050-222-9Z	CHIP RESISTOR 2.2K 1/16W 5% T 1005	1	R54
050-223-0Z	CHIP RESISTOR 22K 1/16W 5% T 1005	4	R74.76.81.84
050-271-3Z	CHIP RESISTOR 270 1/16W 5% T 1005	1	R39
050-272-4Z	CHIP RESISTOR 2.7K 1/16W 5% T 1005	2	R10.1
050-301-7Z	CHIP RESISTOR 300 1/16W 5% T 1005	2	R32.4
050-331-4Z	CHIP RESISTOR 330 1/16W 5% T 1005	1	R56
050-332-5Z	CHIP RESISTOR 3.3K 1/16W 5% T 1005	2	R50.79
050-333-6Z	CHIP RESISTOR 33K 1/16W 5% T 1005	1	R21
050-334-7Z	CHIP RESISTOR 330K 1/16W 5% T 1005	1	R75
050-390-7Z	CHIP RESISTOR 39 1/16W 5% T 1005	1	R62
050-470-6Z	CHIP RESISTOR 47 1/16W 5% T 1005	1	R17
050-472-8Z	CHIP RESISTOR 4.7K 1/16W 5% T 1005	5	R28.30.90.5.7
050-473-9Z	CHIP RESISTOR 47K 1/16W 5% T 1005	4	R91.113-5
050-474-0Z	CHIP RESISTOR 470K 1/16W 5% T 1005	1	R71
050-475-1Z	CHIP RESISTOR 4.7M 1/16W 5% T 1005	1	R57
050-510-9Z	CHIP RESISTOR 51 1/16W 5% T 1005	2	R68.98
050-513-2Z	CHIP RESISTOR 51K 1/16W 5% T1005	1	R94
050-562-6Z	CHIP RESISTOR 5.6K 1/16W 5% T 1005	3	R9.29.96
050-563-7Z	CHIP RESISTOR 56K 1/16W 5% T 1005	1	R77
050-682-1Z	CHIP RESISTOR 6.8K 1/16W 5% T 1005	1	R36
050-911-8Z	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
060-103-8Z	CHIP RESISTOR 10K 1/10W 5% T 2012	1	R105
060-229-9Z	CHIP RESISTOR 2.2 1/10W 5% T 2012	3	R43-5
060-474-3Z	CHIP RESISTOR 470K 1/10W 5% T 2012	3	R40.1.65
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-A17-6Y	CHIP CERAMIC	0.001UF GRM40 X7R102K 50V PT	2	C34.40
130-B12-1Y	CHIP CERAMIC	0.001UF GRM36 X7R102K 50V	7	C23.71,5.81.98.108.9
130-B16-5Y	CHIP CERAMIC	0.01UF GRM36 X7R103K 16V	7	C11.45.69.84,6.96.103.
130-B19-8Y	CHIP CERAMIC	0.1UF GRM36 Y5V104Z 16V	10	C10.4.26.80,5,7.97.107,11,6
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	C93.4
131-089-7Y	CHIP CERAMIC	1UF GRM40 Y5V105Z 16V PT	4	C12.22.68.99
131-127-7Y	CHIP CERAMIC	10PF GRM36 COG100D 50V	2	C5.21
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
132-034-1Y	CHIP CERAMIC	20PF GRM36 COG200J 50V	1	C100
132-289-2Y	CHIP CERAMIC	220PF GRM36 COH221J 25V	6	C18.49.101,4-6
132-750-4Y	CHIP CERAMIC	27PF GRM36 COG270J 50V	1	C78
133-111-2Y	CHIP CERAMIC	30PF GRM36 COG300J 50V	1	C70
133-366-6Y	CHIP CERAMIC	33PF GRM36 COG330J 50V	1	C79
134-779-1Y	CHIP CERAMIC	47PF GRM36 COG470J 50V	1	C102
134-780-1Y	CHIP CERAMIC	470PF GRM36 X7R471K 50V	22	C7.9.13,9.20,7.42-4,8.50,3 5-60.89.90,2.112
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	C6.16,7.83,8
141-071-2Z	CHIP TANTALUM	1UF 293D105X0010A2T10V	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	Q9.16.9
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	Q14,7,8.21,4
202-113-1Z	TRANSISTOR	2SC5343S(L)	4	Q8.12,5.20
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
312-129-0	COIL INDUCTOR CHIP	0.56UH SWI0805FTR56	1	L12
312-132-2	COIL INDUCTOR CHIP	1UH SWI0805FT1R0	2	L6.15
312-137-7	COIL INDUCTOR CHIP	2.7UH SWI0805FT2R7	1	L16
312-144-3	COIL INDUCTOR CHIP	10UH SWI0805FT100	1	L1
312-161-8	COIL INDUCTOR CHIP	47NH SWI0805CT47N	2	L4.5
312-165-2	COIL INDUCTOR CHIP	100NH SWI0805CTR10	2	L2.3
312-168-5	COIL INDUCTOR CHIP	180NH SWI0805CTR18	1	L14
312-199-3	COIL INDUCTOR CHIP	150NH SWI0603CTR15	1	L11
416-148-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. : 577-49T-CX0)

PART-NO.	NAME & DESCRIPTION	Q'TY	REFERENCE-NO
594-173	LOW COST "A" TCXO ASSY	1	
058-102-4Z	CHIP RESISTOR 1K 1/16W 5% T 1608	1	R10
058-103-5Z	CHIP RESISTOR 10K 1/16W 5% T 1608	1	R9
058-104-6Z	CHIP RESISTOR 100K 1/16W 5% T 1608	2	R13.15
058-122-2Z	CHIP RESISTOR 1.2K 1/16W 5% T 1608	1	R1
058-152-9Z	CHIP RESISTOR 1.5K 1/16W 5% T 1608	1	R16
058-154-1Z	CHIP RESISTOR 150K 1/16W 5% T 1608	1	R4
058-203-2Z	CHIP RESISTOR 20K 1/16W 5% T 1608	1	R2
058-393-0Z	CHIP RESISTOR 39K 1/16W 5% T 1608	1	R5
058-473-9Z	CHIP RESISTOR 47K 1/16W 5% T 1608	5	R7.8.12.14.11
058-563-7Z	CHIP RESISTOR 56K 1/16W 5% T 1608	1	R6
058-564-8Z	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 TO.25 NI-PLATE	1	
860-172	PIN TCXO PIN BRASS TIN PLATED	4	PIN
906-542	INSULATION PLATE FIBER TO.3	1	
577-49V-DA	VOLTAGE DOUBLER ASSY	1	
050-222-9Z	CHIP RESISTOR 2.2K 1/16W 5% T 1005	2	R905.7
050-273-5Z	CHIP RESISTOR 27K 1/16W 5% T 1005	2	R901.3
050-470-6Z	CHIP RESISTOR 47 1/16W 5% T 1005	1	R908
050-472-8Z	CHIP RESISTOR 4.7K 1/16W 5% T 1005	1	R906
050-752-1Z	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	C904.5.8.9-11
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

8. V2 BAND LPF ASSEMBLY (Part No. : 577-49V-2BL)

PART-NO.	NAME & DESCRIPTION	Q'TY	REFERENCE-NO
131-816-6Y	CHIP CERAMIC 18PF GRM40 COG180J 50V PT	1	C39
133-611-7Y	CHIP CERAMIC 36PF GRM40 COG360J 50V PT	1	C37
133-932-7Y	CHIP CERAMIC 39PF GRM40 COG390J 50V PT	1	C38
136-833-6Y	CHIP CERAMIC 6.8PF GRM40 COG680D 50V PT	1	C35
139-003-8Y	CHIP CERAMIC 9PF GRM40 COG090D 50V PT	1	C36
311-297-3	COIL SPRING 3X0.55X5T:L SMD	2	L8.9

311-298-4Z	COIL SPRING	3X0.55X4T:L	1	L7
311-323-3	COIL SPRING	2.8X0.4X8T:L	1	L10

9. V2 FRONT-END ASSEMBLY (Part No. : 577-49V-2FA)

PART-NO.	NAME & DESCRIPTION	Q'TY	REFERENCE-NO
05B-181-5Z	CHIP RESISTOR 180 1/16W 5% T 1608	1	R602
05B-229-6Z	CHIP RESISTOR 2.2 1/16W 5% T 1608	1	R604
05B-332-5Z	CHIP RESISTOR 3.3K 1/16W 5% T 1608	2	R601,5
05B-821-0Z	CHIP RESISTOR 820 1/16W 5% T 1608	1	R603
130-A75-8Y	CHIP CERAMIC 0.001UF GRM39 X7R102K 50V PT	2	C616,20
131-306-2Y	CHIP CERAMIC 13PF GRM39 COG130J 50V PT	1	C603
131-575-8Y	CHIP CERAMIC 150PF GRM39 COG151J 50V PT	2	C609,11
132-259-8Y	CHIP CERAMIC 22PF GRM39 COG220J 50V PT	1	C619
132-734-0Y	CHIP CERAMIC 27PF GRM39 COG270J 50V PT	2	C601,6
133-103-5Y	CHIP CERAMIC 30PF GRM39 COG300J 50V PT	1	C615
133-349-1Y	CHIP CERAMIC 33PF GRM39 COG330J 50V PT	1	C618
135-107-9Y	CHIP CERAMIC 51PF GRM39 COG510J 50V PT	1	C612
136-839-2Y	CHIP CERAMIC 68PF GRM39 COG680J 50V PT	2	C608,10
200-109-8	TRANSISTOR 2SC5084(Y) (SOT23)	1	Q601
243-049-4	DIODE SI CHIP KDS226	1	D601
311-066-1	COIL CHIP 0.082UH:NL252018T-082J	1	L602
311-067-2	COIL CHIP 0.1UH:NL252018T-R10J	1	L601
311-960-8	COIL SPRING 0.26X0.9X8T:L 26NH	4	L604,5,7,8

10. V2 POWER MODULE ASSEMBLY (Part No. : 577-49V-2PA)

PART-NO.	NAME & DESCRIPTION	Q'TY	REFERENCE-NO
060-000-8Z	CHIP RESISTOR 0 1/10W 5% T 2012	1	D701
060-152-2Z	CHIP RESISTOR 1.5K 1/10W 5% T 2012	1	R710
060-201-3Z	CHIP RESISTOR 200 1/10W 5% T 2012	1	R703
060-220-0Z	CHIP RESISTOR 22 1/10W 5% T 2012	1	R706
060-272-7Z	CHIP RESISTOR 2.7K 1/10W 5% T 2012	1	R701
060-392-2Z	CHIP RESISTOR 3.9K 1/10W 5% T 2012	1	R711
060-473-2Z	CHIP RESISTOR 47K 1/10W 5% T 2012	1	R705
060-560-7Z	CHIP RESISTOR 56 1/10W 5% T 2012	1	R709
060-822-4Z	CHIP RESISTOR 8.2K 1/10W 5% T 2012	1	R702
130-172-2Y	CHIP CERAMIC 0.01UF GRM40 X7R103K 50V PT	5	C703,6,10,2,5
131-304-0Y	CHIP CERAMIC 13PF GRM40 COG130J 50V PT	2	C713,4
133-306-2Y	CHIP CERAMIC 33PF GRM40 COG330J 50V PT	1	C707
133-611-7Y	CHIP CERAMIC 36PF GRM40 COG360J 50V PT	1	C705
133-932-7Y	CHIP CERAMIC 39PF GRM40 COG390J 50V PT	1	C702
134-722-1Y	CHIP CERAMIC 47PF GRM40 COG470J 50V PT	1	C704
135-627-2Y	CHIP CERAMIC 5.6PF GRM40 COG5R6C 50V PT	1	C701
136-008-8Y	CHIP CERAMIC 60PF GRM40 COG600J 50V PT	1	C717
200-045-3	TRANSISTOR BFG35 SOT-223	1	Q702
200-302-5	FET RF POWER 2SK3079A	1	Q703
203-181-7Z	TRANSISTOR PBR951	1	Q701
310-913-1	COIL SPRING 1.0X0.45X4T:R(SMD)	4	L705-8
311-299-5	COIL SPRING 2X0.45X8T:L SMD	2	L704,9
312-158-6	COIL INDUCTOR CHIP 27NH SW10805CT27N	1	L702
312-162-9	COIL INDUCTOR CHIP 56NH SW10805CT56N	1	L701
312-167-4	COIL INDUCTOR CHIP 150NH SW10805CTR15	1	L703

11. V2 BAND RF ASSEMBLY (Part No. : 577-49V-2RA)

PART-NO.	NAME & DESCRIPTION	Q'TY	REFERENCE-NO
131-312-7Y	CHIP CERAMIC 13PF GRM36 COG130J 50V	1	C29
132-034-1Y	CHIP CERAMIC 20PF GRM36 COG200J 50V	1	C62,30
133-366-6Y	CHIP CERAMIC 33PF GRM36 COG330J 50V	2	C24,8
134-767-0Y	CHIP CERAMIC 4.7PF GRM40 COG4R7C 50V PT	1	C61
135-115-6Y	CHIP CERAMIC 51PF GRM36 COG510J 50V	1	C32
136-859-0Y	CHIP CERAMIC 6.8PF GRM36 COG6R8D 50V	1	C33

12. V2 RX VTCX0 ASSEMBLY (Part No. : 577-49V-2RV)

PART-NO.	NAME & DESCRIPTION	Q'TY	REFERENCE-NO
050-101-3Z	CHIP RESISTOR 100 1/16W 5% T 1005	1	R302
050-222-9Z	CHIP RESISTOR 2.2K 1/16W 5% T 1005	2	R306,7
050-271-3Z	CHIP RESISTOR 270 1/16W 5% T 1005	1	R309
050-472-8Z	CHIP RESISTOR 4.7K 1/16W 5% T 1005	1	R308
130-B12-1Y	CHIP CERAMIC 0.001UF GRM36 X7R102K 50V	3	C314,6,7
130-525-8Y	CHIP CERAMIC 0.5PF GRM36 COG0R5C 50V	2	C307,9
131-127-7Y	CHIP CERAMIC 10PF GRM36 COG100D 50V	2	C303,12
131-608-5Y	CHIP CERAMIC 16PF GRM36 COG160J 50V	1	C315
132-034-1Y	CHIP CERAMIC 20PF GRM36 COG200J 50V	1	C318
132-733-9Y	CHIP CERAMIC 2.7PF GRM39 COG2R7C 50V PT	1	C311
134-778-0Y	CHIP CERAMIC 4.7PF GRM36 COG4R	1	C313
134-780-1Y	CHIP CERAMIC 470PF GRM36 X7R471K 50V	1	C301
176-016-7	CHIP TRIMMER 6PF TZV02Z060A100	1	C308
200-277-6	TRANSISTOR 2SC5086	2	Q301,2
242-027-9	DIODE VARICAP CHIP 1SV217	1	D301
312-133-3	COIL INDUCTOR CHIP 1.2UH SWI0805FT1R2	1	L301
312-137-7	COIL INDUCTOR CHIP 2.7UH SWI0805FT2R7	1	L304
312-162-9	COIL INDUCTOR CHIP 56NH SWI0805CT56N	1	L303
312-168-5	COIL INDUCTOR CHIP 180NH SWI0805CTR18	1	L305

13. V2 VCO ASSMBLY (Part No. : 577-49V-2TV)

PART-NO.	NAME & DESCRIPTION	Q'TY	REFERENCE-NO
050-000-5Z	CHIP RESISTOR 0 1/16W 5% T 1005	1	R201
050-101-3Z	CHIP RESISTOR 100 1/16W 5% T 1005	1	R202
050-104-6Z	CHIP RESISTOR 100K 1/16W 5% T 1005	1	R203
050-222-9Z	CHIP RESISTOR 2.2K 1/16W 5% T 1005	2	R206,7
050-271-3Z	CHIP RESISTOR 270 1/16W 5% T 1005	1	R209
050-472-8Z	CHIP RESISTOR 4.7K 1/16W 5% T 1005	1	R208
060-104-9Z	CHIP RESISTOR 100K 1/10W 5% T 2012	1	R(L202)
130-B12-1Y	CHIP CERAMIC 0.001UF GRM36 X7R102K 50V	3	C214,6,7
130-525-8Y	CHIP CERAMIC 0.5PF GRM36 COG0R5C 50V	1	C206
131-126-6Y	CHIP CERAMIC 1PF GRM36 COG010C 50V	1	C207
131-258-6Y	CHIP CERAMIC 1.2PF GRM36 COG1R2C 50V	2	C204,5

131-312-7Y	CHIP CERAMIC	13PF	GRM36 COG130J 50V	1	C212
131-583-5Y	CHIP CERAMIC	1.5PF	GRM36 COG1R5C 50V	1	C209
131-851-7Y	CHIP CERAMIC	18PF	GRM36 COG180J 50V	1	C203
133-111-2Y	CHIP CERAMIC	30PF	GRM36 COG300J 50V	1	C215
134-018-7Y	CHIP CERAMIC	4PF	GRM36 COG040C 50V	1	C218
134-778-0Y	CHIP CERAMIC	4.7PF	GRM36 COG4R	1	C213
134-780-1Y	CHIP CERAMIC	470PF	GRM36 X7R471K 50V	1	C201
135-651-3Y	CHIP CERAMIC	5.6PF	GRM36 COG5R6D 50V	1	C211
176-016-7	CHIP TRIMMER	6PF	TZV02Z060A100	1	C208
200-277-6	TRANSISTOR	2SC5086		2	Q201,2
242-027-9	DIODE VARICAP CHIP	1SV217		2	D201,2
312-133-3	COIL INDUCTOR CHIP	1.2UH	SWI0805FT1R2	1	L201
312-136-6	COIL INDUCTOR CHIP	2.2UH	SWI0805FT2R2	1	L204
312-162-9	COIL INDUCTOR CHIP	56NH	SWI0805CT56N	1	L203
312-168-5	COIL INDUCTOR CHIP	180NH	SWI0805CTR18	1	L205