

PRO120 (FRS) PART'S LIST

REFERENCE	PART NUMBER	DESCRIPTION	VENDOR	UNIT	Q'TY
R131, 203, 319 321	0507-B0000-63	CHIP RESISTOR:1/16W 0 ohm (J)	ROHM	EA	4
R105, 202, 207	0507-B0100-63	CHIP RESISTOR:1/16W 10 ohm (J)	ROHM	EA	3
R100, 122, 210, 301, 313	0507-B0101-63	CHIP RESISTOR:1/16W 100 ohm (J)	ROHM	EA	5
R113, 128, 201 211, 322	0507-B0102-63	CHIP RESISTOR:1/16W 1 Kohm (J)	ROHM	EA	5
R208, 308, 320, 413	0507-B0103-63	CHIP RESISTOR:1/16W 10 Kohm (J)	ROHM	EA	4
R406, 410	0507-B0104-63	CHIP RESISTOR:1/16W 100 Kohm (J)	ROHM	EA	2
R117, 325	0507-B0914-63	CHIP RESISTOR:1/16W 910 Kohm (J)	ROHM	EA	2
R317, 326	0507-B0122-63	CHIP RESISTOR:1/16W 1.2 Kohm (J)	ROHM	EA	2
R309	0507-B0123-63	CHIP RESISTOR:1/16W 12 Kohm (J)	ROHM	EA	1
R407	0507-B0154-63	CHIP RESISTOR:1/16W 150 Kohm (J)	ROHM	EA	1
R112	0507-B0124-63	CHIP RESISTOR:1/16W 120 Kohm (J)	ROHM	EA	1
R108	0507-B0150-63	CHIP RESISTOR:1/16W 15 ohm (J)	ROHM	EA	1
R312	0507-B0153-63	CHIP RESISTOR:1/16W 15 Kohm (J)	ROHM	EA	1
R104	0507-B0152-63	CHIP RESISTOR:1/16W 1.5 Kohm (J)	ROHM	EA	1
R132, 109, 414	0507-B0222-63	CHIP RESISTOR:1/16W 2.2 Kohm (J)	ROHM	EA	3
R403	0507-B0272-63	CHIP RESISTOR:1/16W 2.7 Kohm (J)	ROHM	EA	1
R306	0507-B0221-63	CHIP RESISTOR:1/16W 220 ohm (J)	ROHM	EA	1
R315, 316	0507-B0223-63	CHIP RESISTOR:1/16W 22 Kohm (J)	ROHM	EA	2
R126, 314	0507-B0220-63	CHIP RESISTOR:1/16W 22 ohm (J)	ROHM	EA	2
R106	0507-B0224-63	CHIP RESISTOR:1/16W 220 Kohm (J)	ROHM	EA	1
R110, 111	0507-B0331-63	CHIP RESISTOR:1/16W 330 ohm (J)	ROHM	EA	2
R302	0507-B0361-63	CHIP RESISTOR:1/16W 360 ohm (J)	ROHM	EA	1
R118	0507-B0332-63	CHIP RESISTOR:1/16W 3.3 Kohm (J)	ROHM	EA	1
R318	0507-B0362-63	CHIP RESISTOR:1/16W 3.6 kohm (J)	ROHM	EA	1

REFERENCE	PART NUMBER	DESCRIPTION	VENDOR	UNIT	QTY
R415	0507-B0392-63	CHIP RESISTOR:1/16W 3.9 Kohm (J)	ROHM	EA	1
R125, 323	0507-B0333-63	CHIP RESISTOR:1/16W 33 Kohm (J)	ROHM	EA	2
R401, 505	0507-B0273-63	CHIP RESISTOR:1/16W 27 Kohm (J)	ROHM	EA	2
R503	0507-B0334-43	CHIP RESISTOR:1/16W 330 Kohm (F)	ROHM	EA	1
R504, 507	0507-B0303-63	CHIP RESISTOR:1/16W 30 Kohm (J)	ROHM	EA	2
R502	0507-B0154-43	CHIP RESISTOR:1/16W 150 Kohm (F)	ROHM	EA	1
R307	0507-B0470-63	CHIP RESISTOR:1/16W 47 ohm (J)	ROHM	EA	1
R205, 209, 305	0507-B0472-63	CHIP RESISTOR:1/16W 4.7 Kohm (J)	ROHM	EA	3
R115, 404	0507-B0473-63	CHIP RESISTOR:1/16W 47 Kohm (J)	ROHM	EA	2
R204, 311, 405	0507-B0562-63	CHIP RESISTOR:1/16W 5.6 Kohm (J)	ROHM	EA	3
R101, 501	0507-B0563-63	CHIP RESISTOR:1/16W 56 Kohm (J)	ROHM	EA	2
R119, 303	0507-B0682-63	CHIP RESISTOR:1/16W 6.8 Kohm (J)	ROHM	EA	2
R116	0507-B0683-63	CHIP RESISTOR:1/16W 68 Kohm (J)	ROHM	EA	1
R102	0507-B0820-63	CHIP RESISTOR:1/16W 82 ohm (J)	ROHM	EA	1
R121, 120, 310, 408, 409, 411, 412	0507-B0822-63	CHIP RESISTOR:1/16W 8.2 Kohm (J)	ROHM	EA	7
R701, 702	0507-A0000-62	CHIP RESISTOR:1/10W 0 ohm (J)	ROHM	EA	2
VR401	0601-94103-30	SEMI FIX VOLUME: EVM1SSx10B24	MATSUSHIDA	EA	1
VR101	0601-94203-30	SEMI FIX VOLUME: EVM1SSx20B24	MATSUSHIDA	EA	2
C126	0703-11006-22	ELLECT CAPACITOR: 16V 100uF (E)	SAMYOUNG	EA	1
C119	0706-33345-A1	CHIP TANTAL CAP: 0.33uF/35V	SPRAGUE	EA	1
C134, 299	0706-22266-A1	CHIP TANTAL CAP: 22uF/6.3V	SPRAGUE	EA	2
C522	0706-61046-A1	CHIP TANTAL CAP: 0.1uF/35V	SPRAGUE	EA	1
C121, 125, 413	0706-41056-A1	CHIP TANTAL CAP: 1uF/35V	SPRAGUE	EA	3
C319, 506, 511, 515	0706-42246-A1	CHIP TANTAL CAP: 2.2uF/35V	SPRAGUE	EA	4
C211, 137, 321, 123, 414, 415, 502, 504	0706-31066-A1	CHIP TANTAL CAP: 10uF/10V	SPRAGUE	EA	8
C507, 508, 509, 98, 512, 513, 520, 524, 136, 141, 142, 201, 209, 222, 304, 307, 317, 322, 416, 500, 501, 503, 505, 412	0706-61025-B6	CHIP CAP: GRM39 X7R 102K 16PT 0.001uF	MURATA	EA	24

REFERENCE	PARTNUMBER	DESCRIPTION	VENDOR	UNIT	Q'TY
C97, 120, 131, 323, 510, 514, 114, 330, 403	0706-61035-B6	CHIP CAP:GRM39 X7R 103K 16PT 0.01uF	MURATA	EA	9
C118, 130, 132, 133, 145, 102, 115, 406, 408, 516, 318, 328, 405, 327	0706-61045-B6	CHIP CAP:GRM39 X7R 104K 16PT 0.1uF	MURATA	EA	14
C122	0709-44735-A6	CHIPCAP:GRMX7R473K 16PT 0.047uF	MURATA	EA	1
C411	0709-63335-B6	CHIPCAP:GRMX7R333K 16PT 0.033uF	MURATA	EA	1
C410	0709-66825-B6	CHIPCAP:GRMX7R682K16PT 0.0068uF	MURATA	EA	1
C104	0709-61091-16	CHIP CAP:GRM39COG010C50PT 1pF	MURATA	EA	1
C311, 312	0709-62291-16	CHIPCAP:GRM39COG2R2C50PT 2.2pF	MURATA	EA	2
C208, 302, 112, 105	0709-62091-16	CHIP CAP:GRM39COG020C50PT 2pF	MURATA	EA	4
C305	0709-63091-16	CHIP CAP:GRM39COG030C50PT 3pF	MURATA	EA	1
C109, 207	0709-63391-16	CHIPCAP:GRM39COG3R3C50PT3.3pF	MURATA	EA	2
C206	0709-64091-16	CHIP CAP:GRM39COG040C 50PT 4pF	MURATA	EA	1
C229	0709-65091-16	CHIP CAP:GRM39COG050C 50PT 5pF	MURATA	EA	1
C138	0709-65191-16	CHIPCAP:GRM39COG5R1C50PT 5.1pF	MURATA	EA	1
C301, 313, 223	0709-66091-16	CHIPCAP:GRM39COG060C50PT 6pF	MURATA	EA	3
C99	0709-66291-16	CHIPCAP:GRM39COG6R2C50PT 6.2pF	MURATA	EA	1
C310	0709-62791-16	CHIPCAP:GRM39COG2R7C50PT 2.7pF	MURATA	EA	1
C204	0709-69191-16	CHIPCAP:GRM39COG9R1C50PT 9.1pF	MURATA	EA	1
C106, 203, 205	0709-61001-16	CHIPCAP:GRM39COG100C50PT 10pF	MURATA	EA	3
C108	0709-63301-16	CHIPCAP:GRM39COG330C50PT 33pF	MURATA	EA	1
C324	0709-63601-16	CHIPCAP:GRM39COG360C50PT 36pF	MURATA	EA	1
C325	0709-63601-16	CHIPCAP:GRM39COG390C50PT 39pF	MURATA	EA	1
C103	0709-61514-B6	CHIPCAP:GRM39COG151J50PT 150pF	MURATA	EA	1
C116, 117	0709-62214-B6	CHIPCAP:GRM39COG221J50PT 220pF	MURATA	EA	2
C404, 407	0709-64704-16	CHIPCAP:GRM39COG470J50PT 47pF	MURATA	EA	2
C306, 140, 314, 316, 110, 401, 129, 225, 523, 228, 526, 527	0709-64715-B6	CHIPCAP:GRM39X7R471J50PT 470pF	MURATA	EA	12

REFERENCE	PART NUMBER	DESCRIPTION	VENDOR	UNIT	QTY
C210, 315	0709-66804-16	CHIP CAP:GRM39COG680J 50PT 68pF	MURATA	EA	2
C135, 139	0709-62204-16	CHIPCAP:GRM39COG220J 50PT 22pF	MURATA	EA	2
C517, 518	0709-61504-16	CHIP CAP:GRM39COG150J 50PT 15pF	MURATA	EA	2
C226	0709-64794-16	CHIPCAP:GRM39COG4R7CJ50PT 4.7pF	MURATA	EA	1
C409	0709-61535-B6	CHIP CAP:GRM39X7R153J 50PT 15nF	MURATA	EA	1
C308	0709-65694-16	CHIPCAP:GRM39COG5R6CJ50PT 5.6pF	MURATA	EA	1
C224	0709-64394-16	CHIPCAP:GRM39COG4R3CJ50PT 4.3pF	MURATA	EA	1
C309	0709-63694-16	CHIPCAP:GRM39COG3R6C 50PT 3.6pF	MURATA	EA	1
C202	0709-66894-16	CHIPCAP:GRM39COG6R8C50PT 6.8pF	MURATA	EA	1
TC301	0801-10007-00	TRIM CAP:TZV02Z100A110T00 10pF	MURATA	EA	1
TC302	0801-20008-10	TRIM CAP:TZC03P200A110T00 20pF	MURATA	EA	1
D201, 202, 203, 301	1010-10010-41	PIN SI-DIODE: MMBV3401LT1	MOTOROLA	EA	4
D302	1005-A153C-40	VARICAPDIODE: KDV153C RTK	KEC	EA	1
D101, 503	1001-10007-41	S/W SI-DIODE: DAN212K(AV) SC-59	ROHM	EA	2
D103	1001-10008-41	S/W SI-DIODE: DAN217T(BA) SC-59	ROHM	EA	1
SW504	2404-12004-20	TACT SWITCH: SJT-1104B (160g)	SEJIN	EA	1
L102	2002-23100-01	INDUCTOR COIL: 10uH	TOKO	EA	1
L205	2002-23189-23	INDUCTOR CHIP:KQ1008TE1R8J	KOA	EA	1
L304, 305	2002-23229-73	INDUCTOR CHIP:CL201209T-2R2K	CHILISIN	EA	2
L103, 104	2002-23339-23	INDUCTOR CHIP:KQ1008TE3R3J	KOA	EA	2
L101	2002-23227-53	INDUCTOR CHIP:LL2012-F22N 22nH	TOKO	EA	1
L301	2002-23277-53	INDUCTOR CHIP:LL2012-F27N 27nH	TOKO	EA	1
L102	2002-23107-53	INDUCTOR CHIP:LL2012-F10N 10nH	TOKO	EA	1
L99, 302	2002-23337-13	INDUCTOR CHIP:LL1608-F33N 33nH	TOKO	EA	2
L201, 202, 203, 204, 206, 211	2011-16043-22	CHIP SPRING:0.35x1.6x4TL 21nH	L.S	EA	6
L209, 210, 303	2011-10041-22	CHIP SPRING:0.3x1.0x4TL 12nH	L.S	EA	3
L207	2011-10032-12	CHIP SPRING:0.32x1.0x3TR 8nH	L.S	EA	1
L208	2011-14051-22	CHIP SPRING:0.3x1.4x5TL 25nH	L.S	EA	1
U502	1207-11000-4E	MCU IC: KS57C0502-76D	SAMSUNG	EA	1
U401	1101-01021-42	OP AMP I.C: NJM324V-(TE1)	JRC	EA	1
U102	1102-01002-42	POWER AMP IC: NJM386BM	JRC	EA	1

REFERENCE	PART NUMBER	DESCRIPTION	VENDOR	UNIT	QTY
U101	1103-00022-40	IF AMP I.C: DBL5018V	DAEWOO	EA	1
U501	1104-01050-40	REGULATOR I.C: TK11240	TOKO	EA	1
U301	1106-00002-4B	PLL I.C: TB31202FN	TOSHIBA	EA	1
	1601-14004-00	L.E.D: SLS-NNUR202TM REM	SAMSUNG	EA	1
Q101, 102, 103, 104, 203, 204, 301, 302	0910-14226-31	RF AMP TRANSISTOR: 2SC4226-T1	NEC	EA	8
Q201, 202	0910-13357-10	RF AMP TRANSISTOR: 2SC3357(RE)	NEC	EA	2
Q108	0910-21189-41	CHIP SI TRANSISTOR: 2SB1189T	ROHM	EA	1
Q401	0910-2124T-S1	CHIP SI TRANSISTOR: DTA124TUA	ROHM	EA	1
Q303	0910-1124T-01	CHIP SI TRANSISTOR: DTC124TUA	ROHM	EA	1
Q105	0910-1144W-01	CHIP SI TRANSISTOR: DTC144WUA	ROHM	EA	1
Q501, 503	0910-2114E-01	CHIP SI TRANSISTOR: DTA114EUA	ROHM	EA	2
Q502	0910-2123J-01	CHIP SI TRANSISTOR: DTA123JUA	ROHM	EA	1
FL101	2307-34650-30	SAW FILTER: 465MHz (± 3 MHz) 50 Ω	C.Q	EA	1
FL103	2301-A4502-61	CERAMIC FILTER: LTM450HTW	C.Q	EA	1
FL102	2303-42172-15	CRYSTAL FILTER: UM-5 21.7MHz	KONY	EA	1
X301	2201-52100-10	CRYSTAL UNIT: UM-1 21.25MHz	KONY	EA	1
X501	2201-90400-20	CRYSTAL UNIT: HC/49S 4.19MHz	KONY	EA	1
MIC401	3901-10011-00	CONDENSOR MIC: CMP-5040	BOSUNG	EA	1
SP101	3801-60016-00	MICRO SPEAKER: U3608B35 8ohm	UNISON	EA	1
ANT201	4203-30005-00	HELICAL ANT: HP-465-SS 465MHz	High Power	EA	1