

71-3200A/B Parts List

Parts listed for B-sub band. See schematics for A sub-band substitutions.

KEYPAD UNIT

MISCELLANEOUS

00-6200-510-130-000+	CN405
SKHMQLE010	SWITCH for CH,SCAN,MUTE,SHIFT,1,2,3,4, 5,6,7,8,9,0,A,B,C,D,#,*
51KEY87-1	KEYPAD UNIT PCB
4A10-2996	STANDOFF
SE-3 X 10	SEMS SCREW

VOLUME / SQUELCH UNIT

MISCELLANEOUS

00-6200-508-130-000+	CN407
SLA-370MT-3F	D415
SPPH23056A	SW401
RY-6459	VR401
RY-6460	VR402
51VRS87-2	VOLUME / SQUELCH PCB
4A10-2988	BUTTON
SE-3 X 10	SEMS SCREW

FRONT PANEL UNIT

MISCELLANEOUS

2A10-0213	FRONT PANEL
4A10-2985	BUTTON
4A10-2987	WINDOW
4A10-2989	KNOB
4A10-3001	SPEAKER GRILL
4A10-3026	SPEAKER SPACER
4A10-3047	TAPE FOR WINDOW
4A-S499	CONNECTOR CABLE
KS-110	SPEAKER
PN-3 X 8 TP	SCREW
TM12832ABCW-6	LCD401
S-G8022#01	J401
4A-S429	FLC402
4A-S471	FLC403
4A-S585	FLC405
4A-S584	FLC407
BP53RD030310120M	CN402-CN1
4A10-3004B	SPACER
4A10-3045	COLLAR
4A10-3079	PLATE
51FR087-4	PCB
SE-3 X 10	SEMS SCREW

INTERGRATED CIRCUITS

TA75S558F(TE85R)	IC401
TC74HC373AF(TP1,F)	IC402
TA78M05F(TE16L,Q)	IC403
TD1519C	IC404
PQ12RH11	IC405
NJU7662M-T1	IC406
BU4S01F-TR	IC407

TRANSISTORS

DTC114EKA-T146	Q401
FMG9A-T148	Q402,Q403
2SD1766-T100	Q404
2SD2351-T106	Q405
2SJ634-TL	Q406
UMC2N-TR	Q407
2SA1434-TB	Q408,Q409,Q410

DIODES

MU16-4101	D401
MU16-3101	D402
MU16-2101	D403
MU16-5101	D404
1SS355-TE17	D405,D406,D407,D408,D409,D414
DA204U-T106	D411,D412

CAPACITORS

GRM216B11H102KA01D	C401,C421,C410
GRM216B11E104KA01D	C431
GRM2162C1H101JA01D	C404
GRM2162C1H271JA01D	C407,C408
GRM31MB11H104KA01D	C406,C411
GRM31MB11C105KA01L	C402,C422
TEESVA1V105M8R	C417
KMG16VB-220	C428
KMG16VB1000M	C420
KMG35VB470M	C418,C419
EMVK160ADA100MD55G	C405,C409,C412,C413,C414
EMVK350ADA4R7MD55G	C425
EMVK500ADA1R0MD55G	C403
EMVK160ADA470MF55G	C424

RESISTORS

MCR10EZHJ000	R401,R451
MCR10EZHJ102	R406
MCR10EZHJ103	R407,R439,R442,R449,R455,R458
MCR10EZHJ104	R409,R410,R456,R457

MCR10EZHJ152	R453
MCR10EZHJ153	R405
MCR10EZHJ181	R427
MCR10EZHJ183	R420
MCR10EZHJ221	R417
MCR10EZHJ222	R412,R414,R445
MCR10EZHJ223	R424
MCR10EZHJ224	R454
MCR10EZHJ273	R408
MCR10EZHJ330	R418
MCR10EZHJ333	R448
MCR10EZHJ470	R422,R423,R428,R429
MCR10EZHJ471	R440
MCR10EZHJ472	R425,R426,R430,R431,R432,R433,R434,R435,R436,R437,R438,R441
MCR10EZHJ473	R411,R419,R459
MCR10EZHJ560	R415,R416
MCR10EZHJ562	R450
MCR10EZHJ563	R446
MCR10EZHJ822	R421,R452
MCR18EZHJ100	R447
MCR18EZHJ4R7	R444

POTENTIOMETERS

GF06P 10K	FVR401
GF06P 100K	FVR402
G32AT 103	FVR403

THERMISTORS

TN10-4C103KT	TH401
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CONNECTORS

290A-88-30-119	CN401
00-6200-520-330-000+	CN402
00-6200-516-230-000+	CN403
00-6200-510-130-000+	CN404
00-6200-508-130-000+	CN406
B 3P-VH	CN408
SB20-02WS	CN409
FF20-TAMEP1	CP401

LOGIC UNIT

INTERGRATED CIRCUITS

AK2344	IC2,IC3
HN58C65FP-25	IC7
NJM2405M-T1	IC6
NJM2073M	IC16
AN78L05M	IC4,IC5

UPD78F0058GC	IC1
RN5VL22AA-TL	IC9
BU4S01-TR	IC12
BU4S66-TR	IC17
BU4S81-TR	IC11,IC15
TS272CD	IC13,IC14
TA75S01F(TE85R,F)	IC10
TC74HC373AF(TP1,F)	IC8
TC7W74FU	IC18

TRANSISTORS

DTC124EKA-T146	Q7
2SK209-Y(TE85R)	Q1,Q2,Q3,Q4
RN6001(TE12R,C)	Q6

DIODES

1SS355-TE17	D1,D2,D3,D4,D5,D8, D13,D14,D15
DAP202U-T106	D9,D10
DAN202U-T106	D12
RB501V-40TE-17	D7,D11

CRYSTALS

DS-MAT309(4.19MHZ)	X1
3.6864MHZ(SMD)	X2,X3

INDUCTOR FERRITES

FBMH3216HM501NT	BL1
BLM21B421SPT	BL2,BL3,BL4,BL5,BL6, BL7

CAPACITORS

GRM216B11H102KA01D	C80,C81,C82,C83,C84,C85
GRM216B11H103KA01D	C11,C36,C47,C48,C49,C52,C75
GRM216B11E104KA01D	C5,C6,C19,C21,C23,C27,C28,C3 2,C33,C60,C61,C64,C68,C70,C7 3,C76,C79
GRM216B11H123KA01D	C15
GRM216B11H152KA01D	C7
GRM216B11E333KA01D	C50
GRM21BB11H473KA01L	C20,C37,C42,C44,C62,C63,C66
GRM216B11H682KA01D	C65
GRM2162C1H220JZ01D	C38,C39,C45,C46
GRM2162C1H221JA01D	C13
GRM2162C1H330JA01D	C43
GRM2162C1H331JA01D	C8,C14
GRM2162C1H470JZ01D	C22,C55,C67
GRM2162C1H820JZ01D	C31,C51
GRM31MB11C105KA01L	C58,C69
GRM31MB11C225KA35L	C12,C24

TEESVA1V105M8R	C2,C3,C16,C17,C25,C53,C54
TEESVA1E474M8R	C40,C72
TEESVA1V224M8R	C10,C59
TEESVB21C106M8R	C74,
EMVK160ADA470MF55G	C4,C71,C77,C78
EMVK350ADA4R7MD55G	C1
EECS5R5H474	C9

VARIABLE CAPACITORS

TZV02R200A110	FVC1
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RESISTORS

MCR03EZJ225	R100
MCR10EZJ101	R13
MCR10EZJ102	R40,R98
MCR10EZJ103	R14,R17,R32,R44,R49,R54,R61, R63,R82,R86,R99
MCR10EZJ104	R0,R7,R9,R21,R23,R37,R58,R65, R66,R71,R79,R83,R91
MCR10EZJ105	R5,R38,R50
MCR10EZJ113	R2
MCR10EZJ124	R64,R68
MCR10EZJ153	R16
MCR10EZJ154	R1,R20,R24,R29,R30,R34,R59,R 60,R70,R72,R90,R95
MCR10EZJ183	R25
MCR10EZJ184	R4,R73
MCR10EZJ222	R27
MCR10EZJ223	R19,R35,R36,R47,R69
MCR10EZJ224	R55
MCR10EZJ225	R03,R3
MCR10EZJ271	R87,R88
MCR10EZJ273	R4,R6,R8,R94
MCR10EZJ333	R53,R56
MCR10EZJ393	R15
MCR10EZJ394	R97
MCR10EZJ3R3	R74
MCR10EZJ472	R22,R39,R41,R76,R78,R85,R96
MCR10EZJ473	R5,R10,R18,R26,R33,R42,R67,R 80,R84,R89
MCR10EZJ474	R75
MCR10EZJ562	R2,R11
MCR10EZJ563	R43
MCR10EZJ682	R12
MCR10EZJ683	R57
MCR10EZJ823	R01,R28,R52,R62
MCR10EZJ000	R45,R46
MCR50EZJ4R7	R77

POTENTIOMETERS

G32AT 203	FVR1
G32AT 204	FVR2
G32AT 503	FVR3
G32AT 103	FVR4

RESISTOR ARRAYS

MNR14E0ABJ472	RA1,RA2,RA3
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TEST POINTS

RCT	TP1
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CONNECTORS

SB20-03WS	CN6
DIC-149-3P	JP1,JP2
DIC-128	JS
00-6200-520-330-000+	CN1,CN9
00-6200-516-230-000+	CN2,CN3,CN7,CN8
08-6212-008-340-800+	CN4,CN5

MISCELLANEOUS

51LOG87-5	PCB
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RX IF UNIT

INTERGRATED CIRCUITS

BA4116FV	IC001
M62551GP-C60Q	IC002

TRANSISTORS

2SC4250(TE85R,F)	Q001
2SK880GR(TE85L,F)	Q002, Q004
DTC623TU-T106	Q003
2SK3018-T106	Q005
2SD2351-T106	Q006
XP01501	Q007

DIODES

1SS295(TE85L,F)	D001
1SS356-TW11	D002
1SS400-TE61	D003
02DZ3.9-X(TPH3,F)	D004

CRYSTALS

48.955MHZ	X001
MF48Q	XF001, XF002

COILS

ELJ-FCR82KF	L001
HK2125R22J	L002
KQ1008TTER47K	L007

CAPACITORS

GRM188B11H102KA01D	C004, C006, C007, C010, C035, C034
GRM188B11H103KA01D	C008, C027
GRM188B11E104KA01D	C016
GRM188B11H153KA01D	C014, C024, C040
GRM188B11H223KA01D	C019, C029
GRM188B11H332KA01D	C012, C021
GRM188B11H471KD01D	C037, C039
GRM188B11C473KA01D	C020
GRM1882C1H100JA01D	C038
GRM1882C1H150JA01D	C005
GRM1882C1H110JA01D	C041
GRM1882C1H330JA01D	C011
GRM1882C1H470JA01D	C013
GRM1882C1H560JA01D	C028
GRM1882C1H561JA01D	C022, C023
GRM1882C1H680JA01D	C017
MCH185A070CK	C002
MCH185A080CK	C001, C003
GRM216B11H102KD01D	C009
GRM216B11C105KA01L	C015, C026
GRM21BB10J225KA01L	C018
GRM40EZHJ242	C030
TEESVA1V684M8R	C031

RESISTORS

MCR03EZHJ 000	R007, R026, R045
MCR03EZHJ 102	R042
MCR03EZHJ 103	R001, R008, R016, R021, R034 R048
MCR03EZHJ 104	R010, R011, R020, R024, R031 R035, R049
MCR03EZHJ 122	R019
MCR03EZHJ 113	R039
MCR03EZHJ 151	R005
MCR03EZHJ 152	R043, R056
MCR03EZHJ 153	R013, R055
MCR03EZHJ 154	R009, R025, R030
MCR03EZHJ 182	R053
MCR03EZHJ 222	R015, R033
MCR03EZHJ 223	R037
MCR03EZHJ 224	R017, R052
MCR03EZHJ 332	R014, R054
MCR03EZHJ 334	R038
MCR03EZHJ 392	R029
MCR03EZHJ 394	R036
MCR03EZHJ 471	R003, R004, R032
MCR03EZHJ 472	R018, R023

MCR03EZHJ 473	R027
MCR03EZHJ 474	R050
MCR03EZHJ 561	R040
MCR03EZHJ 563	R046
MCR03EZHJ 823	R002, R028

TEST POINTS

RCT	TP001
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CONNECTORS

LPC-2T7M+S	CP103
LPC-7T7M+S	CP104

MISCELLANEOUS

4A10-1624	METAL CASE
SE-3 X 6	SEMS SCREW
711F779-1	IF UNIT PCB

POTENTIOMETERS

G32AT 201	FVR001
G32AT 103	FVR002

CRYSTAL FILTERS

CDA455C24R	CD001
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CERAMIC FILTERS

CFWM455G	CF001
CFWM455E	CF002

RX UNIT

INTERGRATED CIRCUITS

BA70BCFP-E2	IC801
XC221A1200MR	IC802, IC810
TC7WT125FU(TE12L,F)	IC803, IC804
XC6202P502M	IC805, IC812
MB1511PFV-G-BND-EFE	IC806
NJU7662M-T1-TE1#ZZZB	IC807
TC4S66F(TE85L,F)	IC808
TA75S01F(TE85R,F)	IC809
SPM5001	IC811

TRANSISTORS

2SK3018-T106	Q801, Q805, Q807
2SD2351-T106	Q802, Q809
MCH3306-TL	Q803
UMC2N-TR	Q804, Q808
RTU002P02-T106	Q806
2SK508-T1B K53	Q810
DTA144EUA-T106	Q811

3SK177-T1 U73	Q861
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DIODES

1SS355-TE17	D801, D802, D805, D807, D809
DA204U-T106	D803, D804
RB886G-T2R	D806
SML210VT-T86	D808
1SV232(TPH3,F)	D862, D863, D864, D865, D866
HVU131TRF	D867, D868

COILS

BLM21BD421SN1D	BL803, BL805, BL806, BL808, BL809, BL861
FBM3216HM501NT	BL801, BL804, BL807
LL2012-FHL47NJ	L801
KQ0603TTE15NJ	L871, L875
KQ0603TTE10NJ	L872, L873, L874
KQ1008TTE1R5K	L803, L809
KQ1008TTE1R0K	L805, L806
KQ1008TTE4R7K	L807
KQ1008TTER68K	L865
LQW31HN33NJ	L861
LQW31HN23NJ	L876
#E558CNA-100035=P3	L862, L863, L867, L868
#E558CNA-100036=P3	L869

CAPACITORS

GRM188B11H102KA01D	C830, C833, C834, C836, C839, C841, C845, C847, C848, C851, C853, C854, C877, C878, C879, C880, C892
GRM188B11H103KA01D	C806, C808, C820, C844, C852, C856
GRM188B11E104KA01D	C814, C819, C832
GRM188B11H153KA01D	C815
GRM188B11C154KA01D	C813
GRM188B11E223KA01D	C857
GRM188B11H272KA01D	C804
GRM188B11C334KA01D	C809, C812
GRM188B11C473KA01D	C818, C831
GRM188B11H822KA01D	C805
MCH185AR75CK	C885
MCH185A010CK	C886
MCH185A1R5CK	C868, C869
MCH185A020CK	C865
MCH185A2R5CK	C874
MCH185A030CK	C829, C875, C893
MCH185A040CK	C864

MCH185A050CK	C811
MCH185A060CK	C898
MCH185A070CK	C863
MCH185A090CK	C838
MCH185A100CK	C855
GRM1882C1H110JZ01D	C837
GRM1882C1H101JZ01D	C810, C882
GRM1882C1H121JZ01D	C888
GRM1882C1H150JA01D	C840, C846, C849, C862
GRM1882C1H151JZ01D	C871
GRM1882C1H240JA01D	C897
GRM1882C1H330JA01D	C870, C872, C889
GRM1882C1H390JA01D	C887
GRM1882C1H560JA01D	C861
GRM216B11C105KA01L	C807, C842, C843
GRM319B11E684KC01D	C817
TEESVA1V105M8R	C801
TEESVA1A475M8R	C802, C858
TEESVA1C225M8R	C827
EMVK160ADA100MD55G	C803, C822, C823, C824, C825, C826, C828

RESISTORS

MCR03EZHZ 000	R864, R861
MCR03EZHZ 100	R858
MCR03EZHZ 101	R830, R845, R851, R852
MCR03EZHZ 102	R842, R860, R864
MCR03EZHZ 103	R811, R814, R815, R816, R854, R855, R869, R871, R874, R876
MCR03EZHZ 104	R807, R831, R835, R837, R838, R844, R859, R862, R863, R870, R872, R873, R875
MCR03EZHZ 122	R826, R827
MCR03EZHZ 123	
MCR03EZHZ 150	R848, R849
MCR03EZHZ 153	R810, R817, R819, R865
MCR03EZHZ 154	
MCR03EZHZ 183	R818, R820, R821
MCR03EZHZ 222	
MCR03EZHZ 223	R857
MCR03EZHZ 224	R806, R803
MCR03EZHZ 270	R824
MCR03EZHZ 271	R847, R850
MCR03EZHZ 272	R829
MCR03EZHZ 273	R822, R843
MCR03EZHZ 303	R856
MCR03EZHZ 332	R840
MCR03EZHZ 393	R823, R833
MCR03EZHZ 432	R812

MCR03EZHZ 470	R825, R853, R868
MCR03EZHZ 471	R801, R839
MCR03EZHZ 472	R832, R846
MCR03EZHZ 473	R808, R809, R828, R836
MCR03EZHZ 560	R866
MCR03EZHZ 562	R813
MCR03EZHZ 682	R804, R805, R834
MCR03EZHZ 821	R867
MCR03EZHZ 823	R841

JUMPERS

MCR10EZHZ 000	L866
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TEST POINTS

CRS5001-0801F	TP801
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CONNECTORS

52030-1629	CN802
LPC-2FDS+C	CS802, CS803
LPC-6FDS+C	CS801
LPC-7FDS+C	CS804
4A-S587	CN801

MISCELLANEOUS

SE-3 X 6	SEMS SCREW
SE-3 X 8	SEMS SCREW
4A-S471	FLAT CABLE
TWT-113-00	SPRING
3A10-0654	RX/RF BPF COVER
4A10-3180	RX ANT SHIELD
4A10-2200	GNB SPRING
4A10-3037	TX COVER
4A10-3000	BOSS
2A10-0210	RX/TX FRAME
4A10-3198	RX SAEL
OPT-121-00	SPRING
71RXV79-1	PCB

CRYSTALS

C-TYPE 1.5ppm	TCXO801
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CRYSTAL FILTERS

MF48Q 48.5MHZ	XF801
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TRANSFORMERS

#3060(SMD-0071)	T801, T802, T803
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RX VCO UNIT

TRANSISTORS

2SK508-T1B K53	Q301
2SC4325(TE85R)	Q302
2SC3583-T1B(R34)	Q303
DTA124EUA-T106	Q304
2SD2351-T106	Q305
DTA114EUA-T106	Q306

DIODES

1SV231(TPH3,F)	D303, D304
1SS356-TW11	D308
02DZ2.0-X(TPH3,F)	D309, D310

COILS

BLM21BD421SN1D	BL302, BL303
FBM3216HM501NT	BL301
ELJ-FC1R0KF	L301
KQ1008TTER82K	L302, L304, L305
LL2012-FHL68NJ	L306
#3074*	L303
#1092	L308

CAPACITORS

GRM188B11H102KA01D	C312, C313, C320, C323
GRM188B11H471KD01D	C322, C326
GRM188B11C823KA01D	C302
MCH185AR75CK	C311
MCH185A010CK	C314, C317
MCH185A060CK	C310
MCH185A070CK	C309
GRM1882C1H110JA01D	C307
GRM1882C1H150JA01D	C303, C315
GRM1882C1H180JA01D	C308
GRM1882C1H181JZ01D	C305
GRM1882C1H220JA01D	C321
EMVK160ADA100MD55G	C318, C319, C324

RESISTORS

MCR03EZJH 000	R322
MCR03EZJH 101	R312, R323
MCR03EZJH 102	R317
MCR03EZJH 150	R306, R321
MCR03EZJH 151	R318
MCR03EZJH 221	R307
MCR03EZJH 222	R314
MCR03EZJH 331	R320
MCR03EZJH 332	R316
MCR03EZJH 471	R310, R311
MCR03EZJH 472	R308, R315
MCR03EZJH 4R7	R319

MCR03EZJHJ 752	R309
MCR10EZJHJ 270	L307

TEST POINTS

RCT	TP301
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CONNECTORS

LPC-2T7M+S	CP302
LPC-6T7M+S	CP301

MISCELLANEOUS

4A10-2169	VCO SHIELD
4A10-2170	VCO COVER
4A10-3029	VCO SHIELD
71TCU62-1	PCB

INTEGRATED CIRCUITS

UPC1688G-T1	IC301
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VARACTOR DIODES

MCH185A1R5CK	D305
MCH185A2R5CK	D306

TX UNIT

INTERGRATED CIRCUITS

BAJ0BC0FP	IC201
XC6202P702P	IC202
XC6202P502M	IC203
TC75W51FU(TE12L,F)	IC204
TA75S01F(TE85R,F)	IC205, IC213
TC7WT125FU(TE12L,F)	IC206, IC207
MB1511PFV-G-BND-EFE	IC208
TC4S66F(TE85L,F)	IC209
NJU7662M-T1-TE1#ZZZB	IC210
BA00CC0WFP	IC211
NJM2904M	IC212

TRANSISTORS

2SK3018-T106	Q201, Q205, Q209
UMG1N TR	Q202, Q212
UMC2N-TR	Q204, Q210
2SD2351-T106	Q207
RTU002P02-T106	Q208
2SC2954-T1	Q211
DTA124EUA-T106	Q206
DTC124EUA-T106	Q213

DIODES

1SS355-TE17	D201, D204, D207, D208
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1SS356-TW11	D206
DA204U-T106	D202, D203
RB886G-T2R	D210
SML210VT-T86	D214
HVU131TRF	D205

CAPACITORS

GRM188B11H102KA01D	C208, C209, C241, C243, C244, C250, C252, C255, C256, C267
GRM188B11H103KA01D	C210, C253, R226
GRM188B11E104KA01D	C219, C222, C238
GRM188B11H153KA01D	C226, C234, C248
GRM188B11E154KA01D	C216, C251, C265
GRM188B11E223KA01D	C225
GRM188B11H471KD01D	C211, C263
GRM188B11H472KD01D	C212
GRM188B11C473KA01D	C217, C235, C254
MCH185A010CK	C257
MCH185A100CK	C224, C258, C268
GRM1882C1H120JA01D	C261
GRM1882C1H151JZ01D	C223
GRM1882C1H330JA01D	C242, C245, C262
GRM1882C1H470JA01D	C215
GRM216B11C105KA01L	C204, C206, C214, C221, C227, C260
GRM31MR72A684KA35L	C237
GRM40CH271J	C215
TEESVA1V105M8R	C201, C207, C213, C249
TEESVA1A475M8R	C205
TEESVA1C225M8R	C202, C230, C247, C266
EMVK160ADA100MD55G	C228, C229, C231, C232, C233

RESISTORS

MCR03EZHZ 000	R209, R260, R281, R287
MCR03EZHZ 100	R244
MCR03EZHZ 101	R242
MCR03EZHZ 102	R236, R254
MCR03EZHZ 103	R205, R206, R211, R223 R224, R225, R232, R256, R263, R275, R283
MCR03EZHZ 104	R216, R243, R258, R266, R267, R292, R296, R297
MCR03EZHZ 122	R237
MCR03EZHZ 151	R246
MCR03EZHZ 152	R227
MCR03EZHZ 153	R233, R240, 257, R259, R278, R285
MCR03EZHZ 182	R268, R274
MCR03EZHZ 183	R230

MCR03EZHJ 184	R212
MCR03EZHJ 222	R280
MCR03EZHJ 223	R252, R253
MCR03EZHJ 270	R234
MCR03EZHJ 271	R245
MCR03EZHJ 272	R239
MCR03EZHJ 273	R255, R284, R290, R291
MCR03EZHJ 332	R261, R294
MCR03EZHJ 333	R231
MCR03EZHJ 470	R235
MCR03EZHJ 471	R262
MCR03EZHJ 472	R229, R241, R247
MCR03EZHJ 473	R214, R215, R220, R238, R264, R265, R269, R271, R289, R293
MCR03EZHJ 560	R277
MCR03EZHJ 562	R210, R295
MCR03EZHJ 683	R219, R282, R288
MCR03EZHJ 752	R222
MCR03EZHJ 822	R204, R270
MCR10EZHJ 2R2	R248, R272
MCR10EZHJ 391	R250
MCR10EZHJ 4R7	R249
MCR18EZHJ 100	R251
MCR18EZHJ 103	R207
MCR18EZHJ 471	R273

POTENTIOMETERS

G32AT 103	FVR201, FVR204
G32AT 204	FVR202, FVR203

TEST POINTS

RCT	TP201
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CONNECTORS

52030-1629	CN202
LPC-2FDS+C	CS202
LPC-6FDS+C	CS201
4A-S586	CN201

MISCELLANEOUS

SE-3 X 6	SEMS SCREW
SE-3 X 8	SEMS SCREW
4A-S471	
4A10-2200	
4A10-3000	BOSS
4A10-3037	TX COVER
2A10-0210	TRX/TX FRAME
4A10-3197	TX LABEL
71TXU82-1	PCB

CRYSTALS

C-TYPE 1.5ppm	TCXO201
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COILS

BLM21BD421SN1D	BL202, BL204, BL205, BL206
FBM3216HM501NT	BL201, BL203
#1092	L201
LQW31HN47NJ	L202

TX VCO UNIT**TRANSISTORS**

2SK508-T1B K53	Q301
2SC4325(TE85R)	Q302
2SC3583-T1B(R34)	Q303
DTA124EUA-T106	Q304
2SD2351-T106	Q305
DTA114EUA-T106	Q306

DIODES

1SV229(TPH3,F)	D301, D302
1SV231(TPH3,F)	D303, D304
1SV232(TPH3,F)	D305
1SS355-TE17	D307, D311
1SS356-TW11	D308
02DZ2.0-X(TPH3,F)	D309, D310

COILS

BLM21BD421SN1D	BL302, BL303
FBM3216HM501NT	BL301
ELJ-FC1R0KF	L301
KQ1008TTE1R0K	L302, L304, L305
LL2012-FHL68NJ	L306
#3073*	L303
#1092	L308
MCR10EZJH 150	L307

CAPACITORS

GRM188B11H102KA01D	C312, C313, C320, C323
GRM188B11H471KD01D	C322, C326
GRM188B11C823KA01D	C302
ECDG0ER308	C324
MCH185A010CK	C306, C311
MCH185A1R5CK	C314
MCH185A030CK	D306
MCH185A070CK	C310
MCH185A090CK	C309
GRM1882C1H120JA01D	C303
GRM1882C1H150JA01D	C315

GRM1882C1H180JA01D	C307
GRM1882C1H181JZ01D	C305
GRM1882C1H200JA01D	C308
GRM1882C1H220JA01D	C321
EMVK160ADA100MD55G	C318, C319, C324

RESISTORS

MCR03EZHZ 101	R306,R312,R323
MCR03EZHZ 102	R317
MCR03EZHZ 104	R303
MCR03EZHZ 150	R321
MCR03EZHZ 154	R325
MCR03EZHZ 221	R307
MCR03EZHZ 222	R314
MCR03EZHZ 332	R316
MCR03EZHZ 471	R310,R311
MCR03EZHZ 472	R308,R315
MCR03EZHZ 473	R301,R302,R313,R324
MCR03EZHZ 4R7	R319
MCR03EZHZ 560	R318
MCR03EZHZ 752	R309
MCR03EZHZ 821	R320

TEST POINTS

RCT	TP301
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CONNECTORS

LPC-2T7M+S	CP302
LPC-6T7M+S	CP301

MISCELLANEOUS

4A10-2169	VCO SHIELD
4A10-2170	VCO COVER
4A10-3029	VCO SHIELD
71TCU62-1	PCB

INTEGRATED CIRCUITS

UPC1688G-T1	IC301
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110W PA UNIT

INTEGRATED CIRCUITS

AN78L05M	IC504
BA4558F	IC501
TA75S01F	IC502, IC503
RA08H1317M	PM501

DIODES

1SS355	D501, D503, D509
DAP202U-T146	D502

RB501V-40TE-17	D507, D508
SML-210VT-T86	D505
02DZ2.4-X(TPH3,F)	D504

COILS

4A-S630	L504, L506
4A-S596	L515
4A-S597	L517
4A-S598	L516,L518

INDUCTOR FERRITES

FBMH3216HM501NT	BL508, BL510
FBMH4525HM102NT	BL509
FBA04VA900KF	BL505, BL506, BL507, BL511,BL512, BL513, BL514
FBA04VA600KD	BL515, BL518, BL519

CAPACITORS

GRM188B11H102KA01D	C501, C504, C508, C511, C512, C515, C518, C521, C526, C533, C536, C575, C576, C577, C578, C580, C581
GRM188B11E104KA01D	C506
GRM188B11C473KA01D	C505, C507
TEESVA1V224M8R	C503
TEESVD1V106M12R	C509
TEESVA1V684M8R	C519
TEESVA21D105M8R	C520
EMVK350ADA4R7MD55G	C551, C558
UC232H0070D	C583
UC232H0220J	C524, C525, C573
UC342H1000J	C530, C531, C534, C535
UC342H4700J	C564, C568
RM40-2H330J	C542, C543, C545, C546, C555, C562
RM40-2H820J	C554, C561
MIN02ED101J	C553, C560
UP050CH471J/NAC	C532,, C537
RM40-2H150J	C585, C588
RM40-2H300J	C586, C587
UP050SL010M/NAC	C590

RESISTORS

MCR03EZHJ102	R507, R545, R547
MCR03EZHJ103	R504, R508, R521, R558
MCR03EZHJ104	R512, R518, R522
MCR03EZHJ151	R531, R533, R554
MCR03EZHJ152	R537, R538
MCR03EZHJ182	R501
MCR03EZHJ184	R503

MCR03EZHJ222	R539
MCR03EZHJ223	R527
MCR03EZHJ330	R532
MCR03EZHJ333	R520
MCR03EZHJ392	R516
MCR03EZHJ470	R509
MCR03EZHJ471	R510, R553, R556
MCR03EZHJ472	R502, R526, R528, R529
MCR03EZHJ473	R513, R523, R530
MCR03EZHJ474	R559
MCR03EZHJ562	R515, R517, R525
MCR03EZHJ682	R511
MCR03EZHJ753	R524
MCR03EZHJ821	R514
MCR18EZHJ151	R546, R548
MCR50EZHJ000	R505
MOSX1 8.2Ω	R549
MOS2 10Ω	R550
CW2 0.47Ω	R535
MOS1C 270Ω	R551, R552
MCR100EJZHJ4R7	C527X2, C528X2

CONNECTORS

SM551	CN501
4A-S588	CN502

TEST POINTS

RCT	TP501, TP502
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MISCELLANEOUS

DIC-149-2P	JP501
DIC-128	SOCKET
SE-2.6 X 8	SEMS SCREW
SE-3 X 6	SEMS SCREW
BD-3 X 5	SCREW
4A-S668	PA UNIT CORD
71PAV6X/100W	PCB
ASB-E-308	SPACER
BSB-E-308	SPACER
4A10-2200	GND SPRING
4A10-3124	TR HEAT SINK
4A10-3125	PLATE
4A10-3130	
4A10-3200	SHIELD PLATE
SPD-2.6PAI	
SE-3 X 8	SCREW
51LPF26-1	LPF UNIT PCB
4A10-3126	LPF CASE
4A10-2999	BOSS

3A10-0574	PA COVER
2A10-0211	PA FRAME
3A10-0596	PA LABEL
FOT-233-00	
SE-3 X 5	SCREW
SE-3 X 8	SCREW

TRANSISTORS

RD70HVF1	Q504,Q505
2SK3018-T106	Q501
DTB143EK-T146	Q502

COAXIAL CABLES

PLE33ABYE102 (Pb free)	FC501, FC503
4A-S599	CABLE

VARIABLE CAPACITORS

TC-6C 18P	FVC504, FVC507
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POTENTIOMETERS

PT72-2A-70C-TE-470	PT501
G32AT 103	FVR506
G32AT 104	FVR504, FVR505
G32AT 201	FVR501
G32AT 202	FVR502, FVR503

PA DC UNIT

INDUCTOR FERRITES

FBA04VA900KF	BL516,BL517
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MISCELLANEOUS

PLE33GTYE102P	FC502
JMI6LH-03CBT	CN503
4A-S600	CP501
4A-S601	
4A-S602	
51PAP8X	PCB

EXT TERM UNIT

MISCELLANEOUS

00-6200-520-330-000	CN601
00-6200-516-230-000	CN602
CDS3109-0126	CN604
CDS3125-0126	CN603
51DSUB9X	PCB

DC UNIT

MISCELLANEOUS

21-3B	CN701
SB20-02WS	CN702, CN703
42822-2	CP701
42117-2	CP702
4A-S603	CP703
20DL2C	D701
4A-S669	
1SR154-400	D702
2SD2153	Q701
51DC28-1	PCB

REAR PANEL

MISCELLANEOUS

2A10-0248	REAR PANEL
SN-2054#01C	60W FUSE HOLDER
F-7159	110W FUSE HOLDER
21-3A	DC CONNECTOR
BNC-J/NJ(F)	BNC CONNECTOR
BNC-PA-JJ	BNC CONNECTOR
FGBO 125V 20A	60W FUSE
MF01 NR 30A	110W FUSE
OV-3 X 8	21-3B
SEB-4 X 10	REAR PANEL
SE-2.6 X 8	BNC-PA-JJ
SE-3 X 10	BNC-J/NJ(F)
FW-3PAI	BNC-J/NJ(F)
NT-3PAI	BNC-J/NJ(F)

OVERALL ASSY

MISCELLANEOUS

2A10-0207	SIDE(L)
2A10-0208	SIDE(R)
MOS01779-01	HEAT SINK
3A10-0572	CHASSIS
3A10-0579	PROTECTOR(L)
3A10-0578	PROTECTOR(R)
3A10-0571	BOTTOM COVER
4A-S579	FLC601
4A-S580	FLC602
FOT-233-00	SPRING
BDB-3 X 5	SCREW
OV-3 X 8	OVAL SCREW
SEB-4 X 10	SCREW
SEB-4 X 15	SCREW
OVB-4 X 8	OVAL SCREW
SE-3 X 8	SEMS SCREW

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REPLACEMENT PARTS ORDERING

To speed delivery and avoid errors, have the following information ready when ordering replacement parts:

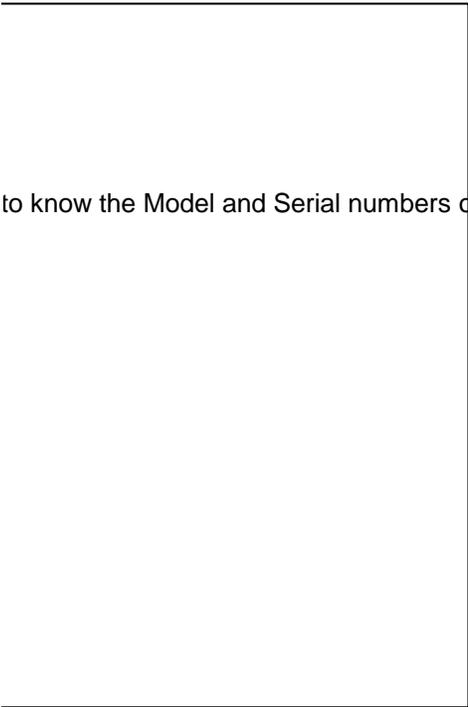
1. Identification of the part. The best identification is the Midland Part Number. Otherwise you will need 1
2. Quantity desired.
3. Ship-to-address and billing address (if different).

Mail or Fax your order to:

Parts Department
Midland Radio Corporation
5900 Parretta Drive
Kansas City, MO 64120
Voice: 816-241-8500
FAX: 816-241-5713







to know the Model and Serial numbers of the equipment in which the part is used, a part description and

I the schematic reference designator. You may also need to return the old part as a sample.