

SPECIFIC POWER & MODULATION DATA FOR PLL CB RADIOS©

Shown here is peaking and modulation data for the most common PLL radios, arranged alphabetically by PLL IC type. Shown in { } are the transmitter adjustments having the most effect on increasing power, followed by the modulation control (AMC) for AM-only radios and the additional controls for AM/SSB or FM rigs. (ALC control for SSB, AM Carrier Power Control, FM Deviation Control, etc.) Sometimes there is no AMC adjustment, just a diode or limiting transistor called "D205," "TR32," "Q301," etc. This part could be removed to boost modulation. The better radios have these parts clearly marked on the circuit board, so you should have no problem finding them. This data comes directly from our "**SCREWDRIVER EXPERT'S**" **GUIDE** and is just one small sample of all the useful information you'll find packed into our CB repair and modification books. (Data updated as of August, 2006.)

AN6040 See PLL02A

CCI3001

Pace 8093, 8193: {L12, L4, L3, L2, VR7}
Royce 582, 651: {T302, L303, VR201}
Royce 639, 642: {L12, L4, L3, L2, VR7-AMC, VR11-ALC}
SBE LCMS-4: {L12, L4, L3, VR7-AMC, VR11-AMC}
Sommerkamp TS310-DX: {L12, L4, L3, L2, VR7-AMC, VR11-ALC}

CCI3002

Kraco 2410, 2420, 2430: {L303, L304, VR201}
Pace 8003: {T302, L303, VR201}
Royce 607: {302, L302, R201}

C5121, C5122 (NPC5122, SM5122)

Cobra 7 Ultra: {RF adj. unknown at press time; RV2-AMC}
Cobra 19+ (late): {L10-squeeze or spread turns; RV4}
Cobra 19DX: {L5, L6, L801, RV2}
Cobra 19 Ultra, 19LTD II: {L301, L302, L303, RV2}
Colt 357A: {L10, L11, RV4}
Contact 40FM: {T13, T14, T15, RV4-DEV}
Dick Smith D1200: {T9, L4, Q18}
DNT Contact II: {T13, T14, T15, RV3-FM DEV}
G.E. 3-5909A: {T2, T3, L7, Q13}
G.E. 3-5829B: {L12, L13, RV4}
Intek M4035: {adj. unknown at press time}
Lear Jet: {adj. unknown at press time}
MCE 40: {adj. unknown at press time}
Midland 77-094: {L6, L7, RV1}
Midland 77-106: {L10, L11, L12, RV4}
Midland 77-112, 77-114: {L10, L11, L12, RV4}
Midland 77-116: {L8, L9, RV2}
Midland 77-155, 77-157: {LX12, LX13, LX14, RV4}
Pearce-Simpson Cub: {adj. unknown at press time}
Realistic TRC494: {L5, L8, L9, Q14}
Realistic TRC495: {L6, L7, L14, VR7}
Realistic TRC499, TRC501: {L701, L702, L801, RV2}
Realistic TRC502: {T7, T8, T9, L12, Q9}
Regency Info CB-1: {L11, L12, RV4}
Regency Info CB-2: {L303, L305, L306, RV201}
Unic RV-CB40TB: {T10, L11, RV4}

F9316PC

Pace CB166: {L10, L14, L15, R207}
SBE 26CB/A, 32CB, 43CB: {L6, L8, L9, R4}

GREAT UK PLL Chassis

Academy 501, 502, Barracuda GT868, Elftone ELCB6000,
Fidelity CB300M, 1000M, Great GT858B, GT868B,
Halcyon Cheetah, Condor, Johnson XK2000, Lake 850, 950,
Sapphire 2000DX, Steepletone SCB1FM,
Transcom CBX2000, CBX4000: {L8, L11, R75-FM DEV}

HD42851

Sharp CB-5470: {L303, L302, R541-AMC, R542-ALC, C31-AM PWR}

HD42853 See μ PD2814C

KM5624 See μ PD2814C

LC7110

G.E. 3-5804A, 3-5871B, Sanyo TA2000/4000/6000,
Realistic TRC454: {L901, L903, L905, VR7}
Realistic TRC470: {L901, L903, L905, VR7}

LC7113

Realistic TRC459:
{L6, L9, L10, VR13-AMC, VR5-ALC, VR14-AM PWR}
Realistic TRC480:
{L7, L10, L11, VR13-AMC, VR14-AM PWR, VR5-ALC}

LC7120

Colt 222, Commtron VIII, Jaws II: {L304, L305, L306, RV201}
Formac 240: {adj. unknown at press time}
HyStar 100, Palomar SSB500 (late), Stag 357:
{L32, L30, VR7-AMC, CT7-ALC, VR8-AM PWR}
Midland 100M, 150M, 77-101B, 77-101C, 77-824C, 4001 (export):
{L304, L305, L306, RV201}
Colt 510: {L304, L305, L306, RV201}
Realistic TRC462: {L11, VR3, L14, L15, VR2-AMC}
Robyn SB540D: {L451, L454, VR311-AMC, VR312-ALC}
SBE 47CB: {L11, KVR5, L14, L15, VR4-AMC}
Tristar 120: {L10, L11, L12, L13, R230}

LC7130/LC7131

Audiovox MCB40: {T11, T12, T13, T14, VR3}
Cobra 19X: {L304, L305, L306, RV201}
Cobra 19XS: {L205, L206, L207, RV201}
Cobra 19+ (early): {L304, L305, L306, RV501}
Cobra 20+: {L304, L305, L307, RV501}
Cobra 40+: {L304, L305, L306, RV104}
Cobra 66/67LTD, 70LTD: {L11, L13, L14, RV4}
Cobra 90LTD, Midland 76-300: {L303, L304, L305, RV201}
Colt 210: {L304, L305, L306, RV201}
Courier Galaxy IV: {L12, RV3-AMC, RV8-ALC, RV7-AM PWR}
Courier Galaxy V, Galaxy VI:
{L48, VR14-AMC, VR12-ALC, VR13-AM PWR}
Dick Smith D1450: {L206, L207, RV201}
Fox CB340: {L304, L305, L306, RV201}
Fuzzbuster Z-80: {adj. unknown at press time}
G.E. 3-5805B: {L304, L305, L306, RV201}
G.E. 3-5826A: {L7, RV6-AMC, RV2-ALC, RV7-AM PWR}
Intek 49+: {L304, L305, L306, Q202-AMC}
Midland 101M, 102M, 150M (U.S.), 151M, 202B, 202M,
2001, 3001, 4001: {L304, L305, L306, RV201}
Midland 103M, 77-001: {L205, L206, L207, RV201}
Midland 75-790: {T8, L1, L3, D202}
Midland 77-225: {L11, L13, L14, RV4}
Midland 77-911, 77-915: {T8, T9, T10, Q101}
Midland 79-265: {L12, RV3-AMC, RV8-ALC, RV7-AM PWR}
Pearce-Simpson Super Lion Mk II, Super Tiger:
{L12-RF, RV3-AMC, RV7-AM PWR, RV8-ALC}
Pyramid CB-24: {adj. unknown at press time}
Pyramid CB-26: {L14, L16, L17, Q19}

LC7130/LC7131, continued

Midland 75-790: {T8, L1, L3, D202}
 Midland 77-225: {L11, L13, L14, RV4}
 Midland 77-911, 77-915: {T8, T9, T10, Q101}
 Midland 79-265: {L12, RV3-AMC, RV8-ALC, RV7-AM PWR}
 Pearce-Simpson Super Lion Mk II, Super Tiger:
 {L12-RF, RV3-AMC, RV7-AM PWR, RV8-ALC}
 Pyramid CB-24: {adj. unknown at press time}
 Pyramid CB-26: {L14, L16, L17, Q19}
 Realistic TRC410: {L4, L3, Q12}
 Realistic TRC414: {L3, L6, Q10}
 Realistic TRC421A, TRC422A: {L3, L6, Q12}
 Realistic TRC428: {L5, L8, Q20}
 Realistic TRC472: {L212, L210, VR204}
 Roadmaster RE-6000: {T7, L7, RV4}
 Roadmaster RE-8000: {T12, L5, RV3}
 SAM 2000: {L304, L305, L306, RV201}
 Unic RV-CB50: {L14, L16, Q25}
 Uniden AX-11: {L12, L14, TR14}
 Uniden PC77: {L16, L13, TR30}
 Vice-President ROY: {L304, L305, L306, RV201}

LC7132

DNT 4000FM: {L2, L3, Q202}
 G.E. 3-5806A, 3-5808A: {L11, L12, RV4}
 G.E. 3-5828A: {L306, L307, RV4}
 Fox CB240, CB440, G.E. 3-5806A, 3-5808A,
 Midland 77-104, 77-805/805A: {L11, L12, RV4}
 Midland 77-145, 77-145A: {L204, L206, L207, RV104}
 Midland 77-149: {L10, L11, L12, RV4}
 Midland 77-158: {L3, L5, RV3}
 Midland 77-160: {L305, L305, L306, RV204}
 Midland 77-250: {L303, L304, L305, L306, RV201}
 Realistic TRC413: {L3, L6, Q10}
 Realistic TRC415: {L10, L11, Q7}
 Realistic TRC417, TRC418: {L10, L3, L1, Q19}
 Realistic TRC419: {L305, L306, RV202}
 Realistic TRC423: {L304, L305, L306, RV202}
 Realistic TRC430: {L306, L307, RV104}
 Realistic TRC433: {L4, L3, Q15}
 Realistic TRC434: {L6, L3, L1, Q12}
 Realistic TRC438: {L809, L811, RV804}
 Realistic TRC479: {T9, L11, Q9}
 Realistic TRC482: {L304-307, Q201}
 Realistic TRC492: {T11, L3, Q12}

LC7136/LC7137 UK Chassis, PCMA002F

Amstrad CB900, CB901, Fidelity 2001FM, Harrier CBHQ,
 Harvard 400M, 402MPA, H401, H407, Mustang CB1000, 2000,
 3000, 3001, Nato 40FM, Transcom GBX4000: {L4, L8, RV3-FM DEV}

LC7136/LC7137 UK Chassis, PTBM134AOX

Barracuda HP940, Binatone 5-Star, Speedway, Fidelity CB2000M,
 Harrier CBX, Harvard 420M, Midland 76-200, Radiomobile 201, 202,
 Rotel RVC220, 230, 240, Oscar 1, Sapphire X4000,
 York JCP861, JCP863: {L4, L8, L9, RV2-FM DEV}

LC7137 UK Chassis, PTBM135AOX

Cybernet Beta 1000, 2000, 3000: {L7, L8, RV1-ALC, RV2-FM DEV}
 Shogun CB: {L157, L154, VR7-ALC, VR8-FM DEV}

MAXON UK Chassis (LC7136/LC7137/MC3357)

Cobra 21FXM, Colt 295, Commtron CB40F,
 Maxcom 4E, 6E, 16E, 20E, 21E, Midland 2001, 2001T, 3001, 4001,
 Sirtel Searcher: {L13, L10, VR5-FM DEV}

LC7185

Alan 28, 38: {adj. unknown at press time}
 Cobra 18RV: {L303, L305, L306, RV501}
 Cobra 18 Ultra: {L303, L305, L306, Q502}
 Cobra 21LTD-WX: {L16, L18, Q11}
 Cobra 23+: {L303, L306, RV501}
 Cobra 93LTD-WX: {L16, L18, VR3}
 Cobra HH-35: {L6, L5, L801, RV2}
 Maxon 2000: {L210, L208, L206, L204, RV104-FM DEV}
 Midland 77-092: {L3, L6, Q14}
 Midland 77-099: {L9, L10, RV4}
 Midland 77-118: {L305, L306, RV501}
 Midland 77-130: {T7, T8, T9, L11, VR3}
 Midland 77-162: {L10, L11, L12, L13, RV2}
 Realistic TRC437: {L7, L8, L9, L12, RV2}
 Realistic TRC439: {L302, L303, L801, RV450}
 Realistic TRC442, TRC503: {T7, T8, T9, L11, Q13}
 Realistic TRC443, TRC444: {L104, L900, L901, RV450}
 Realistic TRC445, TRC446: {L301, L302, L801, Q502-AMC}
 Realistic TRC464: {L5, L6, L801, RV2}
 Realistic TRC476: {L303, L304, L305, L306, Q201}
 Realistic TRC477: {L7, L8, L9, L12, RV2}
 Realistic TRC481: {T9, L11, Q13}
 Realistic TRC488: {L302, L303, L801, RV450}
 Realistic TRC493, TRC498: {T7, T8, T9, L12, Q3}
 Realistic TRC504: {T7, T8, T9, L11, Q24}

LC7230, LC7232, LC7234

Cobra HH-40: {L301, L302, L303, Q204}
 Cobra HH-70: {L5, L6, L801, Q12}
 Midland 77-285: {T8, T9, T10, L4, RV4}
 Midland 79-290: {T11, T12, T13, T9, L9, AMC-none,
 VR8-ALC, VR3-AM PWR}
 Realistic TRC483: {L408, L409, L801, RV201}
 Realistic TRC485: {T17, T18, L8, RV5}

M58472P

Channel Master CB6830, CB6832: {L903, L905, VR6}
 G.E. 3-5800A, 3-5801A, Teaberry "T" Charlie: {L903, L905, VR7}
 G.E. 3-5810A, 3-5871A, Teaberry Racer "T" (23 & 40-Ch.),
 "T" Control (4009): {L903, L905, VR6}
 G.E. 3-5821A: {L903, L906, VR10}

M58473P

American Motors 32311847, 848, 849, 850: {L304, L305, L306, VR303}
 ITT 4400M, Wards GEN-702A, 730A, 774A, 775A, 828A:
 {L208, L209, L210, L211, VR206}
 Kraco KCB4005: {L402, L403, L404, VR201}
 Realistic TRC471: {L6, L4, L3, L1, VR2-AMC}
 Royce 1-632: {L6, L4, L1, VR7-AMC, VR5-ALC}
 Sears 280.6267: {L404, L403, L402, D404}

MB8719/MB8734 (by chassis type)**AM In-Dash Models**

Cobra 46/47XLR, 50/55XLR: {L112, L109, VR105}
 Midland 63-445: {L112, L109, VR105}

Single-Conversion AM/SSB U.S. Models

Cobra 140GTL, Cobra 142GTL, Courier Galaxy, Midland 79-900,
 President P400, McKINLEY, WASHINGTON (late),
 Realistic TRC450, TRC490, Robyn SB505D, SBE LCBS-8, LCMS-8,
 Teaberry Ranger "T", Stalker IX, XV, XX, Tram D80, D300,
 Uniden WASHINGTON:
 {L36, TR32-AMC, VR7-ALC, VR6-AM PWR}

MB8719/MB8734 (by chassis type, continued)
Dual-Conversion AM/SSB U.S./Australian Models

Cobra 148GTL, 148GTL-F, 2000GTL, 2010GTL-WX,
Pearce-Simpson Super Bengal Mk II, President GRANT (late),
MADISON (late), Uniden GRANT, GRANT LT, GRANT XL,
MADISON, Stalker XX (export):
{L38, TR24-AMC, VR11-ALC, VR10-AM PWR}

Multimode AM/FM/SSB Export Models

Cobra 148GTL-DX (early; chassis PC879):
{L54, VR5-AMC, VR7-ALC, VR11-AM PWR, VR3-FM DEV}
President GRANT export (chassis PC899):
{L37, VR14-AMC, VR12-ALC, VR13-AM PWR, VR5-FM DEV}
President McKINLEY export, Stalker ST9-FDX (chassis PC893):
{L30, L41, VR5-AMC, VR7-ALC, VR11-AM PWR, VR3-FM DEV}

MB8733

Realistic TRC210: {L11, L12, VR2-LOW AMC, VR3-HI AMC}
Realistic TRC411: {L5, L8, Q10}
Realistic TRC416: {L21, L22, VR2}
Realistic TRC429: {L21, L22, VR2}

MC145104 See SM5104

MC145106/MM55106/116/126)

U.S. Models

Browning Mark 4A: {T303, C602, R603-AMC, R318-ALC}
Dak Mark V, Robyn 440: {L306, L307, RV202}
Dak Mark IX: {L306, L307, L308, C714, C715, L703, VR202}
Lake 600: {L202, L203, L204, VR2}
Colonel FR360, Palomar SSB500 (late), WKS 1001, Universe 5500:
{L32, L30, VR7-AMC, CT7-ALC, VR8-AM PWR}
Regency CB501: {L103, L102, L101, Q109}
SBE 54CB Keycomm 1000: {T503, L503, L505, VR1}

SSB Export Models

REAL UNIDENS:
Cobra 148GTL-DX (late), Superstar 360FM,
President RICHARD (chassis PB010):
{L44, VR14-AMC, VR12-ALC, VR13-AM PWR, VR5-FM DEV}
President JACKSON (PB042), Superstar JACKSON:
{L33, L30, VR12-AMC, VR8-ALC, VR11-AM PWR, VR4-FM DEV}

UNIDEN "CLONES" (Ranger chassis EPT3600-10B, -14B)
Alan 8001, 87, Cherokee CBS2100, NR100, NR150, Connex 3300,
Connex 3500, Dirland 3600, 3700, 3900, Eagle 2000, Excalibur (base),
Excalibur Samurai, Galaxy 11B, Galaxy 2100, Galaxy II, Galaxy DX33,
DX44, DX55, DX66, DX73V, DX77, DX88, DX99, Galaxy Jupiter,
Galaxy Melaka, Galaxy Pluto, Galaxy Saturn, Galaxy Sirius,
General Lee, Mirage 44, Mirage 6600, Mirage 88, Mirage 9900,
Mirage II, Mirage III, Northstar 3000, 4000, 6000, 9000, 9500,
President Franklin, Super Galaxy, Superstar Grant, Superstar 3600,
Superstar 3900, Tek 506:
{L33, VR14-AMC, VR12-ALC, VR13-AM PWR, VR5-FM DEV}

UNIDEN "CLONES" (Ranger chassis EPT6900-10Z)
Cobra 148FGTL-DX+, Connex 4400, 4800, Galaxy DX43T, DX93T,
DX2517, General Grant, Ranger 99, RCI2960, RCI2980WX, RCI6300:
{L40, L42, L43, L44, VR16-AMC, VR13-ALC, VR14-AM PWR,
VR5-FM DEV }

AM/FM Export Models

Superstar/Dirland 3000, 3300:
{L33, VR14-AMC, VR15-AM PWR, VR5-FM DEV}
Superstar/Dirland 3500, 3700: {L15, L12, Q23-AMC, VR5-FM DEV}

MC145109 See PLL02A

MC14568 & MC14526

Craig L101, Lake 650, SBE 44CB, 45CB:
{L305, L308, L309, R226}
Craig L102: {L311, L313-L316, R348}
Maxon 40: {Adj. unknown at press time}
Royce 601: {L203, L204, VR201}
SBE 27CB/A, 39CB, 40CB:
{L502, L505, L507, VR803-AMC, VR302-ALC}

MM48141 (MM55122)

HyGain 2716 & similar Cybernet AM: {L106, L109, L110, RV102}

MM55104 See SM5104

MM55107N See SM5107

MM55108N

Lake 410: {L304, L305, L306, RV202}

MN6040 See PLL02A

MSC42502P

GM 4170, 4175: {T17, T18, L5-L7, Q19}
Johnson 4170, 4175: {T17, T18, L5-L7, Q19}
Johnson Messenger 191, 4120, 4125, 4135, 4140, 4145, 4230, 4250:
{T8, L3, L4, Q10}
Johnson Messenger 40, 50, 80: {T85, L84-L87, R49}
Johnson Viking 200: {T8, L3, L4, Q10}
Johnson Viking 230, 260, 270, 430: {T85, L84-L87, R49}

MSM5807

Alaron B4900, Eversonic 49, Nesco 1249, Palomar 49:
{L403, L406, Q201}
Kraco KCB4000: {L2, L3, L6, L9, VR4}
Realistic TRC205: {L302, L303, TR306}
Tenna 10901: {T11, L3, R54}
Tenna 10902: {T16, L4, R71}
Tenna 11302: {L607, L609, L610, Q701}

MSM5907

Gemtronics GTX-4040, Skakespeare GBS-240:
{L451, L463, VR481}
Gemtronics GTX-5000, Robyn T240D, Teaberry Model "T":
{L801, VC901, VC902, VR4}

NDC40013

Craig L131, L231: {L109, L106, R605-AMC, R130-ALC}
Johnson Messenger 4730, Viking 4740, Viking 352D:
{T704-T706, R212-AMC, R726-ALC}
NDI PC200, PC201, Tram D64: {L706, L709, R217-AMC, R721-ALC}
Pace 1000BC, 1000MC: {L112, L102, L109, R521-AMC, R134-ALC}
SBE Console VI: {L404, L407, VR404-ALC, VR601/VR603-COMP}

NIS7261B

Pearce-Simpson Jaguar 40B, Vector 770, 790: {L22, L25, L26, FVR3}
Vector X: {L53, L55, L57, VR260}

NIS7264

Kraco KCB4003, Morse/Electroponics 2001: {L203-L206, VR202}
Kraco KCB4088, Pace 8340, Surveyor 2630:
{L407, L404, L402, VR104}

PLL01A

HyGain 681, 682: {L106, L109, L110, RV102}
Kraco KCB2310A, 2320A: {L106, L109, L110, RV102}

PLL02A (by chassis type)**Early 3-Crystal AM, 23 & 40-Ch. U.S.,****PTBM027/033/036/038/039AOX, etc.**

Delco (GM) CBD-10, 1977/78 series, GE 3-5810B, HyGain 681, 682, 2679, 2679A, 2680, 2681, 2682, 2683, 2701, 2710X, 2716, 2720, 3084B, Kraco KCB2310B, 2320B, 2330B, Lafayette Com-Phone 23A, HB650, HB750, HB950, Micro 223A, Telsat 1050, Midland 13-830, 13-857B, 13-882C, 13-888B, 13-955, Pearce-Simpson Tiger 40A, Tiger Mk II, RCA 14T300, 14T301, Sears 60000, Truetone MCC4434B-67, CYJ4732A-77:

{L106, L109, L110, RV102-AMC}

Lafayette LM400: {L205, L204, L203, L201, VR201}

Robyn GT410D: {L15, L18-L21, VR13}

Robyn SX401: {L12, L15-L18, VR7}

Robyn SX402D: {L15, L18-L21, VR13}

Sears 242.3816: {L205, L204, L203, L201, VR201}

Late 2-Crystal AM, U.S. & Export,**PTBM049/051/057/092/094/095/106AOX, COX, etc.**

American Electronics 76-577, Boman CB910, CB920, CB930, CBH990, Colt 290, 390, 720, 800, 870, SX33, Delco (GM) 1978 series, Formac 88, 120, Gemtronics GT44, GT55, GTX66, G.E. 3-5804D, 5811B, 5812A, 5813B, 5814B, 5819A, Ham Int'l Puma, Viking, HyGain 2702, 2703, 3107, J.C. Penney 981-6204, 981-6218, JIL Citizen BPL524, Kraco KCB4010, 4020, 4030, 4045, 5001, 5003, Lafayette Comstat 525, HB640, HB740, HB940, LM100, LM300, Telsat 1140, Major M540, Midland 76-858, 76-863, 76-886, 77-830, 77-838, 77-849, 77-857, 77-882, 77-888, 77-899, 77-955, 77-963, Medallion 63-030, Mocoma 27, 45, Mopar 4094176, 4177, 4178, Morse-Electrophonics 3005, Palomar 4100, Pearce-Simpson Lion 40, Super Lynx 18, Tiger 40, Ray Jefferson CB845, RCA 14T260, 14T270, 14T275, 14T303, 14T304, 14T305, Sears 60105, Truetone CYJ4832A-87, 4862A-87: {L7, L11, L12, RV2-AMC}

U.S. & Canadian SSB, PTBM048AOX, PTBM058COX

Apollo AP704, AWA/Thorn 1503, Boman CB950, Cardon Iroquois 40, Colt 480, 485DX, 890, 1000, 1200 (Excalibur), Gemtronics GTX77, GE 3-5825A, HyGain 2785, 2705 (V), 3108 (VIII), J.C. Penney 981-6247, JIL Citizen MPL-5, SSB-M6, Lafayette Telsat SSB80, SSB120, SSB140, Midland 78-976, 79-892, Palomar 2900, Pearce-Simpson Super Panther Mk 1, Super Bengal Mk I, RCA 14T302, Rysl CB-4082, Sears 60006, Teledex TE6000, Truetone CYJ4837A-87, Universe 5600: {L7, L11, L13, RV12-AMC, RV2-ALC, RV11-SSB MIKE GAIN, VR4-AM PWR}

U.S. SSB, PTBM080/085COX, PTRF003/004/005DOX

Dak Mark X, G.E. 3-5825B, 5875A (SuperBase), Midland 78-574, 78-999, 79-891, SBE LCBS-4: {L209, L212, L214, RV9-AMC, RV201-ALC, RV3-SSB MIKE GAIN, VR1, VR2, or VR10 AM PWR}

Multimode Export, PTBM059COX main board with PTOS006AOX or PTSY016AOX osc. board

Ham Int'l Concorde, Jumbo, Multimode II, HyGain V, Lafayette 1200FM, Major M360, M588: {L7, L11, L13, RV12-AMC, RV2-ALC, VR8-AM PWR, RV11-SSB MIKE GAIN, RV3 or RV1 FM DEV}

Multimode Export, PTBM121D4X/121COX

Cobra GTL150, Colt 320DX, 320FM, 1200DX (Excalibur), Ham Int'l Concorde II, Jumbo II, HyGain 2795, 2795DX, Intek 1200FM, Lafayette HB870AFS, Pearce-Simpson Super Panther MkII, Tristar 747: {L12, L14, RV12-SSB MIKE GAIN, RV14-AMC, RV4-ALC, RV13-AM PWR, RV1-FM DEV}

AM/SSB Export, PTBM122DOX

Cobra 148GTL-B:

{L9, L16, RV14-AMC, RV13 SSB MIKE GAIN, RV5-ALC, , RV15-AM PWR}

Multimode Export, PTBM125A4X, PTBM131A4X

Colt 1600DX, 2000DX, HyGain 8795 (V), Lafayette 1800, Midland 7001, Pacific 160, Superstar 2000, Tristar 777, 790: {L16-L18, RV12-AMC, RV3-ALC, RV11-AM PWR, RV6-SSB MIKE GAIN, RV1-FM DEV}

Multimode Export, PTBM133A4X

Ham Int'l Concorde III, Jumbo III, Multimode III, Major M788: {T5, L11, RV12-AMC, RV3-ALC, RV-11 AM PWR, RV9-SSB MIKE GAIN, RV1-FM DEV}

Multimode Export, PCMA001S

Argus 5000, Colt 2400, Cobra 148GTL-DX (fake), CTE/Alan 88S, Falcon 2000, Lafayette 2400FM, Mongoose 2000, Nato 2000, Palomar 2400, 5000, Starfire DX, Superstar 2200, Thunder 2000, Tristar 797, 848: {T5, L16, RV12-AMC, RV3-ALC, RV11-AM PWR, RV6-SSB MIKE GAIN, RV1-FM DEV}

Walkie-Talkie Export, PTBM023AOX

Ham Int'l 8040, HyGain 80: {T4, L7, L11, L12, RV2-AMC}

PLL03A

Delco (GM) 90BCB1, 90BCB2, 90BFTC1, 80BCB2:

{L4, L8, L9, RV2}

G.E. 3-5813A, 5814A, 5818A, 5819B, 5869A, J.C. Penney 981-6216, Midland 77-821, 77-859: {L5, L9, L10, RV2}

G.E. 3-5817A: {T4, L3, RV2}

SBE LCM-8: {L7, L11, L12, RV2}

REC86345

Courier Blazer 40D, Renegade 40, Rogue 40, Fanon Fanfare 125F, 182F, 184DF: {T14, T13, L9, VR9} Courier Nightrider 40DR, Ranger 40D, Fanon Fanfare 185PLL, 185DF, 190DF: {L116, L118-L120, VR301} Realistic TRC448: {T206, T207, L208, VR5-AMC, VR204-ALC, VR4-SSB MIKE GAIN, VR210-AM PWR}

RCI8719 (also see MB8719)

Galaxy DX949, DX959, DX2547, Texas Ranger 396, 399, 696, 699, "900" series: {L40, L42, L43, L44, VR16-AMC, VR13-ALC, VR14-AM PWR} Texas Ranger 296: {L38, TR24-AMC, VR11-ALC, VR10-AM PWR}

ROYCE SEALED PLL UNIT

G.E. 3-5830: {L6, L4, L3, L1, VR2} K-Mart D40, Kraco KCB4001, Royce 604, 608, 609, 611, 619: {T302, L303, VR202} Kraco KCB4070, Lake 5000, 5100, Mopar 4094173: {L311, L310, L319, L317, VR402} Medallion 63-200, 63-240: {L6, L4, L3, L1, VR2} Motorola CF925AX: {L6, L4, L3, L1, VR2} Pioneer GT1100G, GT6600: {L6, L4, L3, L1, VR2} Ray Jefferson CB740, Royce 1-621, 648: {T7, L4, VR3} Royce 613: {T301, T302, CT301, CT302, VR202} Royce 1-617: {L311, L310, L319, L317, VR401} Royce 1-625, 653B, 658, 660, 662, 673, 675, 678, 680, 682: {T402, L403, L404, Q301} Royce 1-641: {T15, L6, L1, VR7-AMC, VR8-ALC} Superscope Aircommand CBR-40: {L6, L4, L3, L1, VR2}

SM5104

Courier Caravelle 40D, Conqueror 40D, Fanon Fanfare 880DF,
 Realistic TRC455: {L407, L404, C430, R504-AMC}
 J.C. Penney 981-6241, Sears 934.3827: {L702, L704, Q405-AMC}
 J.C. Penney 981-6246, 981-6248, Sears 934.3826, 934.3831:
 {T406-T408, Q303-AMC, RT402-ALC, RT01-AM PWR}
 Kris XL-45: {L306, L308, L309, VR201}
 Kris XL-50: {L11, L12, L13, VR301}
 Midland 77-825, 77-861: {T4, T5, L3, TR9-AMC}
 Motorola T4000A, T4005A, T4009A, T4010A, T4020A,
 T4022A, T4025A, CM540:
 {All broadband tuning; no RF adj. or AMC}
 Panasonic RJ3050, RJ3150: {L14, L16, L25, R117-AMC}
 Panasonic RJ-3100: {L14, L16-L18, D21/D22-AMC}
 Robyn 007-140, LB120, DG130D, WV110: {L15, L13-L10, VR6}
 Utac TRX500, TRX4000: {L15, L14, L17, VR7}

SM5107

Lake 650, Sears 370.3805: {T302, T303, R18-AMC}
 Lafayette LM200, Telsat 1240: {L402, L405, L406, VR305}
 Pace 8008, CB161: {T302, T303, R18-AMC}
 Pace 8010A/8015A, 8113, 8117: {L304, L307, L308, R220}
 Pace 8155: {L407, L408, C432, R310-AMC}
 SBE 41CB, 42CB: {L303, L304, L306, VR203}

SM5118

Automatic CBR2175, Boman CBR9940, Panasonic CR-B4737EU,
 B4747EU, Pearce-Simpson Leopard B, RCA 14T405, 14T410:
 {L905, L903, VR903-AMC, VR901-AM PWR}
 Chrysler 4048076, 8077: {L206, L204, VR252}
 Pace 8041, 8046, 8047, CB185: {L13, L14, R302}
 Pace 8092: {L8, L10, L13, R307-AMC, C306-ALC}

SM5123A

Cobra 18+: {L7, L10, TR30-AMC}
 Cobra 21+, 25+, 29+: {L15, L12, TR33-AMC}

SM5124A

Cobra 31+: {L16, L13, VR7}
 K40-7, Uniden Pro-500D, Pro-510e/520e, Pro-510/520XL:
 {L6, L9, Q6-AMC}
 Realistic TRC435: {L9, L12, VR4}
 Stabo XM3200, 3400: {adj. unknown at press time}
 Uniden President WILSON: {L14, L11, VR6-FM DEV}
 Uniden Pro-530e: {L11, L14, Q20-AMC}
 Uniden Pro-535e, 538w: {L11, L14, Q15}
 Uniden Pro-620: {adj. unknown at press time}
 Uniden Pro-710e: {L11, L8, Q12-AMC}

SM5125B

Cobra 33+: {L11, L11, VR4}

SM5125AM

Realistic TRC484: {L206, L203, Q205}
 Realistic TRC489: {L206, L203, Q206}

TC5080P

Browning Baron, Cobra 132XLR/135XLR, Tram D62:
 {L7, L3, R134-AMC, R130-ALC}
 Browning Sabre, SST-2, Cobra 32XLR, 86/87XLR,
 Sears 562.3802, 562.3822, Tram D42: {L5, L3, C301, Q18-AMC}
 Kraco KCB4095: {L613, L610, L609, VR401}
 Sharp CB750A, CB800A, CB2260, CB2460:
 {T304, L302, L303, R112-AMC}
 Tram D12: {L5, L6, L3, R61-AMC}

TC9100P See PLL02A**TC9102P**

Midland 76-860, 77-861B: {T2, L3, L4, R57 or VR6-AMC}
 Sharp CB2170, CB4370, CB4470, CB4670:
 {T304, L301, L302, R110-AMC}

TC9103P

Medallion 63-540, Motorola CT950AX:
 {L5, L3-L1, VR501}
 TRS Challenger 730, 1200: {L204, L205, VR1}
 Wards GEN-680A, 716A: {L6, L7, L9, VR3}

TC9105P

Motorola CM550, CB550, CB555:
 {L310, L313, L316, VR701-AMC, VR303-ALC}

TC9106P

Cobra 18LTD/20LTD: {L10, L7, TR14-AMC}
 Cobra 21GTL/25GTL, 21LTD/25LTD, 25LTD Classic, Craig L104,
 K40-8, Midland 200M, President P220, ANDREW J, AR-44, AX-44,
 AR-711, AX-711, Uniden PC66, PC66XL:
 {L14, L10, VR5}
 G.E. 3-5804B, 5815A, Realistic TRC425, TRC426, Teaberry Stalker III:
 {L903, L905, VR8}
 G.E. 3-5804F, President AR-7: {L12, L16, TR17-AMC}
 G.E. 3-5805: {L9, L12, TR18-AMC}
 Midland 77-824B: {L12, L15, VR5}
 NDI PC101, PC102: {T502, T503, VR203}
 President P200, P210: {L8, L11, TR14-AMC}
 Realistic TRC427: {L12, L15, VR5}
 Realistic TRC473, TRC474: {L11, L8, VR4}
 Uniden AX-43: {L9, L12, VR3}
 Uniden PC-3: {L10, L7, TR14-AMC}
 Uniden PC33/33X, PC55/55X: {L8, L11, TR14-AMC}
 Uniden PC404: {L15, L11, VR4-FM DEV}
 Uniden President HERBERT: {L16, L12, VR601-FM DEV}
 Uniden Pro-540e: {L16, L12, Q33}

TC9109P

Cobra 19GTL, 19LTD, 78X, President VEEP, AR-14, AX-14,
 SBE LCMS-4, LCM5, Sears 663.3802, Teaberry Stalker IV,
 Stalker VIII, Uniden PC-14: {L12, L15, VR6}
 Craig L103: {L13, L16, TR17-AMC}
 G.E. 3-5804G: {T5, L3, VR5}
 G.E. 3-5816A: {L7, RV4}
 Sears 663.38009: {L12, L15, VR6}
 Realistic TRC216: {L9, L10, VR2-LOW AMC, VR3-HI AMC}

TC9119 UK Chassis: PA034, PA039, etc.

Audioline 340, 341, 345: {L13, L10, VR5-FM DEV}
 Tandy TRC2000, TRC2001, TRC2002: {L13, L10, VR5-FM DEV}
 Uniace 100, 200: {L13, L10, VR5-FM DEV}

μPD857C

Regency CR-240: {L214, L217, VR213}
 Standard Horizon 29, 29A: {L214, L217, VR213}

μPD858C (by chassis type)**SSB Models**

Cobra 138XLR/139XLR, Palomar SSB500 (early), President ADAMS,
 GRANT (early), MADISON (early), WASHINGTON (early),
 RealisticTRC449, TRC457, TRC458, Robyn SB510D, SB520D,
 Stag 357, Teaberry Stalker 101, 102, 202, WKS 1001:
 {L32, L30, VR7-AMC, CT7-ALC, VR8-AM PWR}

μPD858C (by chassis type, continued)

Courier Centurion PLL, Centurion 40D, Gladiator PLL,
Pearce-Simpson Super Cheetah Mk II:
{L19, L15, RT601-AMC, CT3-ALC, RT14-AM PWR}
Courier Spartan PLL, Fanon Fanfare 350F:
{L10, L7, VR8-AMC, VR7-ALC, VR6-AM PWR}
Midland 79-893: {L10, L7, RT601-AMC, VR7-ALC, VR6-AM PWR}

3-Crystal AM Models

Boman CBR-9600: {L110, L111, L113, RV105}
Cobra 21XLR, President JOHN Q: {L15, L12, L11, RT4}
Cobra 29XLR/89XLR, President DWIGHT D (early), HONEST ABE,
TEDDY R, ZACHARY T (early), Robyn AM-500D,
Teaberry "T" Bear, "T" Command, Titan "T": {L15, L12, L11, VR5}
Sears 934.380807: {L15, L12, L11, VR2}
Teaberry "T" Dispatch: {L13, L15, L301, VR3}

2-Crystal AM Models

Cobra 21X, Cobra 77X Courier Rebel PLL, Rebel 40A,
Fanon Fanfare 100F1, Realistic TRC152, TRC452:
{L212, L214, VR401}
Midland 13-883B: {L211, L212, L215, VR213}
Midland 77-883: {L212, L215, VR401}

μPD861 (by chassis type)

SSB Models

CDE Mark 26: {T14, L2, L5, Q19-AMC, R91-ALC}
Contact PSC301: {L107, L104, VR802-AMC, VR102-ALC}
Pearce-Simpson Super Bengal Mk II:
{T14, L2, L5, Q19-AMC, R91-ALC}
Wagner 510: {L107, L104, VR802-AMC, VR102-ALC}

Binary AM Models

Panasonic RJ-3250: {L8, L16, FL1, FL2, R70-AMC}
Panasonic RJ3450: {L7, FL1, FL2, R50-AMC}
Panasonic RJ-3600, RJ-3660: {L7, L10, R94-AMC}
Realistic TRC424: {L906, L909, L910, VR9}
Realistic TRC431: {L907, L910, VR7}
Realistic TRC456: {L903, L905, VR8}
Superscope Aircommand CB140, CB340, CB640:
{L407, L409, L410, Q601-AMC}

BCD/ROM AM Models

Boman CBM-6100: {L313, L314, L334, Q221-AMC}
Colt 350, Convoy CON-400, SBE 49CB: {L34, L37, R121-AMC}
J.C. Penney 981-6221, 6255, Sears 934.380817, 934.381107,
934.381207: {T704, T705, Q502-AMC}
J.C. Penney 981-6203, 6237, Sears 934.3806, 934.3808,
Realistic TRC468: {T13-T15, Q10-AMC}
Realistic TRC440, TRC466, TRC467: {L104, L106, Q107-AMC}
Realistic TRC461: {L11, L14, L15, VR2}
Sony ICB2500: {adj. unknown at press time}
TRS Challenger 600: {T214, L208, VR1}

μPD2810C

Audiovox MDU6000: {L202, L207, R279-AMC}
Tristar 727:
{L12, L15, L16, VR11-HI AMC, VR12-MID AMC,
VR13-LO AMC, VR10-FM DEV}
TRS Challenger 850, 1400:
{L2, L5, VR1-AMC, VR8-ALC, VR15-AM PWR}

μPD2812C

Audiovox MCB5000: {L202, L204, R268-AMC}
JIL 615CB: {L204-L201, VR101}

μPD2814C

Cobra 66GTL, Craig L150, President JAMES K, AR-11:
{L15, L17, VR2}
Midland 77-856: {L12, L15, VR5}
President OLD HICKORY: {L11, L9, VR5}
Realistic TRC420: {L104, L106, Q107-AMC}
Realistic TRC420A: {L4, L3, Q14-AMC}
Realistic TRC421, TRC422: {L9, L12, Q11-AMC}
Realistic TRC432: {L4, L3, Q10-AMC}
Realistic TRC441: {L107, L104, Q114-AMC}
Realistic TRC469: {L12, L15, VR5}

μPD2816C

AM & AM/FM Models

Cobra 29GTL, 29LTD, 29LTD-WX, 29LTD Classic, all "ST",
President ROBERT, President THOMAS J, Superstar 120,
Uniden PC76XL, PC78XL: {L14, VR4}
Cobra 63GTL: {L14, L11, VR3}
Cobra 87GTL, 89GTL, 1000GTL, President DWIGHT D (late),
Zachary T (late), SBE LCB-8, Teaberry Stalker XII: {L16, L13, VR6}
Teaberry Stalker V: {L16, L14, VR4}
Uniden PTC-104 Trucker, PC76XL: {L15, L12, VR2}

SSB Models

Midland 6001/7001 (early U.S. version):
{L14, L16, RV9-AMC, RV8-ALC, RV1-AM PWR}

μPD2824C SSB Models (by chassis PCB number)

PC833, PC965, PB015

Cobra 146GTL, Midland 6001/7000 (late), 79-260,
Pearce-Simpson Super Cheetah, President P300, AR-144, AX-144,
Realistic TRC451, Sears 663.3810, Uniden PC244:
{L38, L37, L27, VR5-AMC, VR10-AM PWR, VR6-ALC}

PC581, PC582, PC621

Craig L132, L232, Wards GEN-719A:
{L28, L29, L36, TR32-AMC, VR6-AM PWR, VR7-ALC,

PB062

Realistic TRC453, Uniden PC122, PC122XL:
{L34, L26, VR5-AMC, VR6-ALC, VR10-AM PWR}

PB122

Realistic TRC465, TRC850, Uniden Pro-810e:
{L26, VR5-AMC, VR6-ALC, VR10-AM PWR}

PB105

Uniden Pro-640e
{L26, VR5-AMC, VR6-ALC, VR10-AM PWR}

MISC. DIGITALLY SYNTHESIZED MODELS

These newest CBs use dedicated CPUs & Surface Mount parts.

Cobra 150GTL, 200GTL: {L21, Q44-ALC}
Emperor TS-5010: {L124, VR110-AMC, VR103-ALC,
VR106-FM DEV, VR111-AM PWR}
Realistic TRC487: {L205, Q204}
Realistic TRC496: {L204, D205-AMC}
Realistic TRC519: {L205, Q204-AMC}
Uniden HR2510, 2830, President Lincoln, Alan 9001:
{L111, VR114-AMC, VR104-ALC, VR105-FM DEV,
VR107-AM PWR}
Uniden HR2600: {L25, VR6-AMC, VR5-ALC, VR3-FM DEV,
VR8-AM PWR}
UNIDEN "CLONES" (Ranger chassis EPT2950):
Eagle 5000, Galaxy DX-2527, 22B, Saturn Turbo, early RCI2950,
2970, 2980, 2990, Sommerkamp TS-2000DX:
{L48, L47, L46, L43, L34, VR14-AMC, VR12-ALC,
VR13-AM PWR, FM DEV-none}