

| Description | Comment | Designator | Footprint | LibRef | Quantity |
|----------------|---------------|---|------------------------------|--------------|----------|
| 102-0R8C24-R03 | R5F21246SNFP | IC10 | R8C24-568 | R5F21246SNFP | 1 |
| 102-9140NR-R01 | PST9140NR | IC11 | PST | PST9140NR | 1 |
| 102-A31136-R01 | TA31136 | IC5 | SOP-16 | 31136 | 1 |
| 102-AT2408-R02 | AT2408N | IC9 | SO-8 | AT2408N | 1 |
| 102-B15E03-R01 | MB15E03SL | IC1 | SOP-16 | MB15E03SL | 1 |
| 102-DA8541-R01 | TDA8541 | IC8 | SO-8 | TDA8541 | 1 |
| 102-HT7130-R01 | HT7130-1 | IC14 | SOT-89-HT7150-1 | DC-DC | 1 |
| 102-HT7150-R01 | HT7150-1 | IC12 | SOT-89-HT7150-1 | DC-DC | 1 |
| 102-M2902V-R01 | NJM2902V | IC4, IC6, IC7 | SOP-14 | NJM2902V | 3 |
| 102-M2904V-R01 | NJM2904 | IC3 | SOP-8 | NJM2904 | 1 |
| 103-00MA77-R01 | MA77 | D1 | 0805-D-21 | D | 1 |
| 103-0MA360-R01 | MA360 | D12 | 0805-D-21 | DIODE CAP | 1 |
| 103-0MA742-R01 | MA742 | D17 | SOT-23B-KTC4082 | D-2 | 1 |
| 103-1SR154-R01 | 1SR154-400 | D33 | 1SR154 | D | 1 |
| 103-1SS372-R01 | 1SS372 | D13 | 1SS372 | D-2 | 1 |
| 103-1SV278-R01 | ISV278 | D9, D10 | 0603-D | DIODE CAP | 2 |
| 103-1SV325-R01 | ISV325 | D8, D11 | 0603-D | DIODE CAP | 2 |
| 103-A2S111-R01 | MA2S111 | D15, D16, D25 | 0603-D | D | 3 |
| 103-DAN222-R01 | DAN222 | D308 | SOT-23-2SJ243 | D-2_1 | 1 |
| 103-HSC277-R01 | HSC277 | D3, D6, D7 | 0603-D | D | 3 |
| 103-HVC131-R01 | HVC131 | D4, D5 | 0603-D | D | 2 |
| 103-HVC350-R01 | HVC350B | D21, D22, D23, D24, D26, D30 | 0603-D | DIODE CAP | 6 |
| 103-HZU5AL-R01 | HZU5ALL | D14 | 0805-D-21 | D-W | 1 |
| 103-L190YG-R01 | GREEN | D20, D29 | 603 | LED-1 | 2 |
| 103-MHC190-R02 | RED | D28 | 603 | LED-1 | 1 |
| 104-A144EE-R01 | DTA144EE | Q17, Q33, Q34, Q40 | SOT-23-5066 | PNP-A_1 | 4 |
| 104-C144EE-R01 | DTC144EE | Q8, Q22, Q23, Q26, Q27, Q28, Q35, Q39, Q42, Q44, Q45, Q46, Q52 | SOT-23-4617, SOT- 23-5066 | NPN-A | 13 |
| 104-C144EU-R01 | DTC144EUA | Q18 | SOT-23A-591 | NPN-A | 1 |
| 104-KRX102-R01 | KRX102U | IC2 | SOT-25 | UMC4 | 1 |
| 104-MT717T-R01 | FMMT717 | Q30 | SOT-23A-591 | PNP | 1 |
| 104-SA1586-R01 | 2SA1586 | Q43 | SOT-23B-KTC4082 | PNP | 1 |
| 104-SC1623-R01 | 2SC1623 | Q10 | SOT-23A-591 | NPN | 1 |
| 104-SC3356-R01 | 2SC3356 | Q3 | SOT-23A-591 | NPN | 1 |
| 104-SC4617-R02 | 2SC4617 | Q6, Q7, Q9, Q37 | SOT-23-4617, SOT- 23-5066 | NPN | 4 |
| 104-SC4919-R01 | 2SC4919 | Q24 | SOT-23-5066 | NPN | 1 |
| 104-SC5108-R01 | 2SC5108(Y) | Q2, Q4, Q5 | SOT-23-4617, SOT- 23-5066 | NPN | 3 |
| 104-TA1298-R01 | KTA1298 | Q29, Q31, Q32 | SOT-23A-591 | PNP | 3 |
| 104-TC4082-R01 | KTC4082 | Q1, Q21 | SOT-23B-KTC4082 | NPN | 2 |
| 105-2SJ243-R01 | 2SJ243 | Q16 | SOT-23-4617 | MOSEFT-N-1 | 1 |
| 105-2SK508-R01 | 2SK508NV(K52) | Q14, Q15 | SOT-23A-2SK508N | JEFT-N | 2 |
| 105-3SK318-R01 | 3SK318 | Q19, Q20 | 3SK320 | MOSEFT-P-G2 | 2 |
| 105-RD01MU-R01 | RD01MUS1 | Q12 | SOT-89-RS | MOSEFT-P-1 | 1 |
| 105-SK1824-R01 | 2SK1824 | Q13, Q25, Q36, Q38, Q41, Q51 | SOT-23-4617, SOT- 23-5066 | MOSEFT-P-1 | 6 |

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| 105-SK3476-R01 | 2SK3476 | Q11 | RD07MVS1 | MOSEFT-P-1 | 1 |
| 105-ST2302-R01 | ST2302 | Q47, Q48 | SOT-23A-123 | MOSEFT-P-1 | 2 |
| 106-0BA010-R01 | PTT | K1 | SW-PTT | SW | 1 |
| 106-454548-R01 | MONI, PFI | K2, K4 | SW-PTT-2 | SW | 2 |
| 106-ED0873-R01 | ENCODER | SW2 | ENCODER | ENCODER-1 | 1 |
| 106-LBE010-R01 | ALARM | K3 | SW-ALPS | SW | 1 |
| 108-450C24-R02 | C24450 | CD1 | CD-450KHz | L-1-1 | 1 |
| 108-CF450G-R02 | 450G | CF1 | CF-SMD1 | BPF-1 | 1 |
| 108-XF5165-R01 | 51.65MHz | XF1 | XF51.65 | XF51.65 | 1 |
| 109-100R47-R01 | 0.47R | R167, R168, R169 | 1206 | R | 3 |
| 109-040000-R01 | 0R | C67, C166, C250, R7, R18, R24, R27, R30, R141, R182, R183, R203, R217, R241, R260, R261, R262, R268, R278, R283 | 402 | C, R | 20 |
| 109-040100-R01 | 10R | R95, R96, R98, R10 | 402 | R | 6 |
| 109-040101-R01 | 100R | R4, R12, R89, R90, | 402 | R | 6 |
| 109-040102-R01 | 1K | R37, R38, R41, R42, R47, R48, R49, R50, R69, R129, R130, R131, R150, R152, R157, R191, R199, R234, R238, R256 | 402 | R | 20 |
| 109-040103-R01 | 10K | R29, R80, R92, R100, R109, R110, R116, R117, R119, R120, R121, R122, R123, R133, R136, R137, R138, R139, R140, R194, R205, R275, R280 | 402 | R | 23 |
| 109-040104-R01 | 100K | R6, R102, R104, R115, R154, R158, R174, R197, R212, R226, R228, R235, R236, R243, R247, R257, R272, R300 | 402 | R | 18 |
| 109-040105-R01 | 1M | R43, R79, R84, R103, R107, R160, R162, R266, R297 | 402 | R | 9 |
| 109-040111-R01 | 110R | R91 | 402 | R | 1 |
| 109-040122-R01 | 1.2K | R188 | 402 | R | 1 |
| 109-040123-R01 | 12K | R211, R301 | 402 | R | 2 |
| 109-040124-R01 | 120K | R5, R8, R9, R17, R2 | 402 | R | 5 |
| 109-040152-R01 | 1.5K | R54 | 402 | R | 1 |
| 109-040153-R01 | 15K | C187, C188, C189, R52, R76, R142, R155, R156, R192 | 402 | C, R | 9 |
| 109-040154-R01 | 150K | R94, R113, R190, R | 402 | R | 4 |
| 109-040181-R01 | 180R | R70, R71, R189 | 402 | R | 3 |
| 109-040182-R01 | 1.8K | R44, R224 | 402 | R | 2 |
| 109-040183-R01 | 18K | R149, R210, R218, R | 402 | R | 4 |
| 109-040184-R01 | 180K | R66, R67, R86 | 402 | R | 3 |

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| 109-040203-R01 | 20K | R249 | 402 | R | 1 |
| 109-040220-R01 | 22R | R73, R93, R274 | 402 | R | 3 |
| 109-040221-R01 | 220R | R179, R180, R214, R215, R216 | 402 | R | 5 |
| 109-040222-R01 | 2.2K | R2, R185, R186, R1 | 402 | R | 4 |
| 109-040223-R01 | 22K | R106, R198, R209 | 402 | R | 3 |
| 109-040224-R01 | 220K | R87, R126, R164, R207, R227, R233, R246, R251, R252, R269, R279, R281 | 402 | R | 12 |
| 109-040271-R01 | 270R | R35 | 402 | R | 1 |
| 109-040272-R01 | 2.7K | R40, R148, R223, R | 402 | R | 4 |
| 109-040273-R01 | 27K | R25, R46, R99, R171, R172, R193, R271 | 402 | R | 7 |
| 109-040274-R01 | 270K | R231 | 402 | R | 1 |
| 109-040330-R01 | 33R | R72 | 402 | R | 1 |
| 109-040332-R01 | 3.3K | R26, R55, R56, R57, R59, R60, R97, R111 | 402 | R | 8 |
| 109-040333-R01 | 33K | R114, R161, R196, R206, R258, R263, R265 | 402 | R | 7 |
| 109-040334-R01 | 330K | R15, R82, R105 | 402 | R | 3 |
| 109-040392-R01 | 3.9K | R221, R222 | 402 | R | 2 |
| 109-040393-R01 | 39K | R53, R68 | 402 | R | 2 |
| 109-040394-R01 | 390K | R165 | 402 | R | 1 |
| 109-040470-R01 | 47R | R31, R32 | 402 | R | 2 |
| 109-040471-R01 | 470R | R3, R81 | 402 | R | 2 |
| 109-040472-R01 | 4.7K | R151, R159, R204, R | 402 | R | 4 |
| 109-040473-R01 | 47K | R10, R11, R13, R14, R19, R20, R21, R22, R28, R75, R118, R125, R153, R273, R277, R292 | 402 | R | 16 |
| 109-040474-R01 | 470K | R166, R232, R264 | 402 | R | 3 |
| 109-040560-R01 | 56R | R58 | 402 | R | 1 |
| 109-040561-R01 | 560R | R202, R244 | 402 | R | 2 |
| 109-040562-R01 | 5.6K | R61, R62, R63, R64, R65, R132, R184, R195, R302 | 402 | R | 9 |
| 109-040563-R01 | 56K | R16, R173, R175, R176, R177, R178, R225, R239, R254, R267, R270, R284 | 402 | R | 12 |
| 109-040564-R01 | 560K | R163 | 402 | R | 1 |
| 109-040682-R01 | 6.8K | C276, R220 | 402 | C, R | 2 |
| 109-040683-R01 | 68K | R245 | 402 | R | 1 |
| 109-040684-R01 | 680K | R77 | 402 | R | 1 |
| 109-040821-R01 | 820R | R33 | 402 | R | 1 |
| 109-040822-R01 | 8.2K | R36, R39, R229, R2 | 402 | R | 4 |
| 109-040823-R01 | 82K | R51, R255 | 402 | R | 2 |
| 109-040913-R01 | 91K | R213 | 402 | R | 1 |

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| 109-060000-R01 | 0R | L23, L34, L62, L66, R23 | 603 | L, L-1, R | 5 |
| 109-060100-R01 | 10R | L21 | 603 | L-3 | 1 |
| 109-060101-R01 | 100R | R74, R88 | 603 | R | 2 |
| 109-060154-R02 | 150K | R143, R144, R145, R146, R147, R170 | 603 | R | 6 |
| 109-060220-R01 | 22R | L54 | 603 | L-1 | 1 |
| 109-060271-R01 | 270R | R34 | 603 | R | 1 |
| 110-110473-R01 | 47K | VR2 | VR | VR2 | 1 |
| 110-110683-R01 | 68K | VR1 | VR | VR1 | 1 |
| 110-220103-R03 | POW&VOL | SW1 | POW&VOL | SW1 | 1 |
| 111-030000-R01 | 3A | F1 | 1206 | FUSE2 | 1 |
| 114-06G6R8-R01 | 6.8nH | C95 | 603 | C | 1 |
| 112-043R50-R01 | 0.5P | C147, C219 | 402 | C | 2 |
| 112-043R75-R01 | 0.75P | C216, C217 | 402 | C | 2 |
| 112-063R50-R01 | 0.5P | C115 | 603 | C | 1 |
| 112-0431R0-R01 | 1P | C229 | 402 | C | 1 |
| 112-0432R0-R01 | 2P | C218, C301 | 402 | C | 2 |
| 112-0433R0-R01 | 3P | C70, C90, C182, C230, C302 | 402 | C | 5 |
| 112-0434R0-R01 | 4P | C228, C309, C312 | 402 | C | 3 |
| 112-0435R0-R01 | 5P | C87, C118 | 402 | C | 2 |
| 112-0436R0-R01 | 6P | C131 | 402 | C | 1 |
| 112-0437R0-R01 | 7P | C122 | 402 | C | 1 |
| 112-0438R0-R01 | 8P | C32, C126, C145, C311 | 402 | C | 4 |
| 112-0439R0-R01 | 9P | C127, C128 | 402 | C | 2 |
| 112-0631R0-R01 | 1P | C148, C236 | 603 | C | 2 |
| 112-0631R5-R01 | 1.5P | C62 | 603 | C | 1 |
| 112-0632R0-R01 | 2P | C2, C3 | 603 | C | 2 |
| 112-0633R0-R01 | 3P | C121, C137 | 603 | C | 2 |
| 112-0633R5-R01 | 3.5P | C63, C117, C120 | 603 | C | 3 |
| 112-0634R0-R01 | 4P | C88, C129 | 603 | C | 2 |
| 112-0635R0-R01 | 5P | C116 | 603 | C | 1 |
| 112-0636R0-R01 | 6P | C136, C206 | 603 | C | 2 |
| 112-0638R0-R01 | 8P | C135 | 603 | C | 1 |
| 112-0639R0-R01 | 9P | C78, C91 | 603 | C | 2 |
| 112-043100-R01 | 10P | C47, C124, C142, C257, C282, C288 | 402 | C | 6 |
| 112-043101-R01 | 100P | C119, C196 | 402 | C | 2 |
| 112-043102-R01 | 102 | C38, C72, C73, C74, C75, C96, C97, C98, C99, C100, C103, C104, C105, C106, C107, C109, C111, C112, C114, C150, C151, C169, C172, C184, C241, C263, C264, C272, C278, C279, C294 | 402 | C | 31 |

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| 112-043103-R01 | | 103 | C23, C50, C79, C138, C149, C153, C155, C159, C160, C161, C162, C190, C226, C232, C253, C296, C313 | 402 | C | 17 |
| 112-043104-R01 | | 104 | C179, C185, C317, C318 | 402 | C | 4 |
| 112-043104-R02 | | 104 | C35, C82, C83, C85, C101, C167, C168, C173, C174, C175, C176, C177, C178, C221, C231, C233, C254, C271, C307, C310 | 402 | C, E | 20 |
| 112-043105-R01 | | 105 | C25, C30, C123, C170, C225, C235, C248, C251, C300, C303, C315, C321, C326, C331, C357, C358, C400 | 402 | C | 17 |
| 112-043121-R01 | 120P | | C214, C286 | 402 | C | 2 |
| 112-043122-R01 | | 122 | C211 | 402 | C | 1 |
| 112-043123-R01 | | 123 | C157, C158, C239, C249, C275 | 402 | C | 5 |
| 112-043130-R01 | 13P | | C69 | 402 | C | 1 |
| 112-043150-R01 | 15P | | C86, C195 | 402 | C | 2 |
| 112-043152-R01 | | 152 | C289 | 402 | C | 1 |
| 112-043180-R01 | 18P | | C212 | 402 | C | 1 |
| 112-043182-R01 | | 182 | C51, C113 | 402 | C | 2 |
| 112-043200-R01 | 20P | | C141 | 402 | C | 1 |
| 112-043220-R01 | 22P | | C143, C255, C256 | 402 | C | 3 |
| 112-043221-R01 | | 221 | C295 | 402 | C | 1 |
| 112-043222-R01 | | 222 | C262 | 402 | C | 1 |
| 112-043223-R01 | | 223 | C245 | 402 | C | 1 |
| 112-043224-R02 | | 224 | C280 | 402 | C | 1 |
| 112-043270-R01 | 27P | | C227 | 402 | C | 1 |
| 112-043271-R01 | | 271 | C1 | 402 | C | 1 |
| 112-043273-R01 | | 273 | C244, C323 | 402 | C | 2 |
| 112-043300-R01 | 30P | | C200, C319 | 402 | C | 2 |
| 112-043330-R01 | 33P | | C171 | 402 | C | 1 |
| 112-043333-R01 | | 333 | C213, C223, C283 | 402 | C | 3 |
| 112-043392-R01 | | 392 | C222, C238, C284 | 402 | C | 3 |
| 112-043393-R01 | | 393 | C299 | 402 | C | 1 |
| 112-043470-R01 | 47P | | C4, C293 | 402 | C | 2 |

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| | | C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C21, C22, C24, C26, C28, C29, C31, C34, C36, C37, C39, C40, C41, C42, C43, C44, C45, C48, C49, C52, C53, C54, C55, C56, C58, C59, C60, C61, C71, C84, C102, C108, C110, C125, C146, C152, C154, C163, C183, C186, C220, C237, C261, C267, C268, C269, C270, C274, C277, C287, C290, C291, C297, C305, C316, C320, C327, C328, C329, C502, R78 | | | | |
| 112-043471-R01 | 470P, 471 | | | 402 | C, R | 76 |
| 112-043472-R01 | | 472 | C156, C215, C285, C322, C324, C325 | 402 | C | 6 |
| 112-043474-R01 | | 474 | C80, C192 | 402 | C | 2 |
| 112-043680-R01 | 68P | | C314 | 402 | C | 1 |
| 112-043681-R01 | | 681 | C57, C258, C260 | 402 | C | 3 |
| 112-043683-R01 | | 683 | C242, C243, C247, C259 | 402 | C | 4 |
| 112-063101-R01 | 100P | | C144 | 603 | C | 1 |
| 112-063102-R01 | | 102 | L16 | 603 | L-1 | 1 |
| 112-063150-R01 | 15P | | C133 | 603 | C | 1 |
| 112-063270-R01 | 27P | | C94 | 603 | C | 1 |
| 112-063390-R01 | 39P | | C194 | 603 | C | 1 |
| 112-063471-R01 | | 471 | C5, C27 | 603 | C | 2 |
| 112-063560-R01 | 56P | | C139 | 603 | C | 1 |
| 112-063680-R01 | 68P | | C93 | 603 | C | 1 |
| 112-072105-R01 | 1uF/10V | | C33, C209 | 805 | E | 2 |
| 112-072106-R01 | 10uF/6.3V | | C191, C198, C199 | 805 | E | 3 |
| 112-072225-R01 | 2.2uF/10V | | C140, C246 | 805 | E | 2 |
| 112-072475-R01 | 4.7uF/10V | | C165, C201, C202, C273, C292, C298, C308 | 805 | E | 7 |
| 112-073105-R01 | | 105 | C306 | 805 | E | 1 |
| 112-073225-R01 | | 225 | C234 | 805 | C | 1 |
| 112-102104-R01 | 0.1uF/35V | | C193, C204 | 1206 | E | 2 |
| 112-102106-R02 | 10uF/10V | | C197, C203, C210 | 1206 | E | 3 |
| 112-102156-R01 | 15uF/6.3V | | C208 | 1206 | E | 1 |
| 112-102225-R01 | 2.2uF/10V | | C207 | 1206 | E | 1 |
| 112-102475-R02 | 4.7uF/16V | | C46, C224, C240, C266 | 1206 | E | 4 |
| 112-112476-R02 | 47uF/10V | | C330 | 1412 | E | 1 |
| 113-010100-R01 | 10P | | C180, C181 | VC-1 | CAPVAR | 2 |

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| 114-06E180-R01 | 18nH | L57, L63 | | 603 | L-1 | | 2 |
| 114-06E331-R02 | 330nH | L59, L69 | | 603 | L | | 2 |
| 114-06E560-R01 | 56nH | L13 | | 603 | L-1 | | 1 |
| 114-06E680-R01 | 68nH | L53 | | 603 | L-1 | | 1 |
| 114-06G102-R01 | 1uH | L68 | | 603 | L | | 1 |
| 114-06G120-R01 | 12nH | L31 | | 603 | L-1 | | 1 |
| 114-06G181-R01 | 180nH | L27, L50 | | 603 | L-1 | | 2 |
| 114-06G221-R02 | 220nH | L18, L36, L49, L52 | | 603 | L, L-1 | | 4 |
| 114-06G270-R01 | 27nH | L12, L32, L33 | | 603 | L-1 | | 3 |
| 114-06G332-R01 | 3.3uH | L28, L29 | | 603 | L-1 | | 2 |
| 114-06G470-R01 | 47nH | L35 | | 603 | L-1 | | 1 |
| 114-06G561-R01 | 560nH | L11, L64 | | 603 | L | | 2 |
| 114-07E220-R02 | 22nH 2% | L51 | | 805 | L-1 | | 1 |
| 114-07E221-R01 | 220nH | L26 | | 805 | L-1 | | 1 |
| 114-07E270-R03 | 27nH 2% | L30 | | 805 | L-1 | | 1 |
| 114-08E103-R01 | 10uH | L45 | | 1008 | L-1 | | 1 |
| 114-08E331-R01 | 0.33uH | L55 | | 1008 | L-1 | | 1 |
| 114-08E821-R01 | 0.82uH | L56 | | 1008 | L-1 | | 1 |
| 115-1R53R0-R04 | 3T | L1, L2, L3, L4, L5, L6, L7, L8, L9, L10 | 3T | | L | | 10 |
| 115-1R54R0-R04 | 4T | L14, L15 | 3T | | L | | 2 |
| 115-1R55R0-R01 | 5T | L24 | | 1208 | L | | 1 |
| 115-1R58R0-R02 | 8T | L25 | 8T | | L | | 1 |
| 117-000000-R04 | BLM11A221S | L19, L20, L40, L41, L42, L44, L46, L47, L48, L60, L65 | | 603 | L, L-1, L-3 | | 11 |
| 117-000000-R05 | BLM21P300S | L22, L37, L38, L39, L43, L58, L67 | | 805 | L-3 | | 7 |
| 119-060104-R01 | 100K | R85 | | 603 | R-T | | 1 |
| 121-200000-R01 | MIC | MIC1 | 3208MIC | | MIC | | 1 |
| 122-17M300-R01 | 7.3MHz | X2 | XTAL2 | | XTAL-1 | | 1 |
| 122-112M80-R01 | 12.8MHz | X4 | TCXO-12.8 | | TCXO | | 1 |
| 124-050000-R15 | MIC JACK | J2 | PHONEJACK- 2.5DIP | | PJ-MOTO | | 1 |
| 124-050000-R16 | SPK JACK | J1 | PHONEJACK- 3.5DIP | | PJ-MOTO | | 1 |
| 603-0W558A-R01 | W588A080 | IC15 | W588-3 | | W588A020 | | 1 |