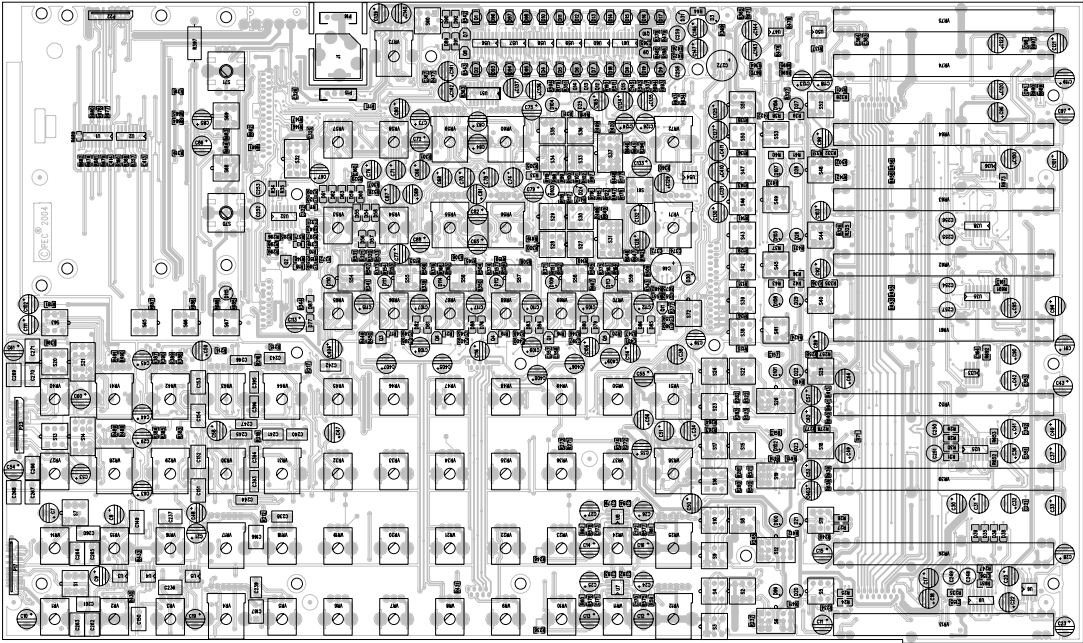
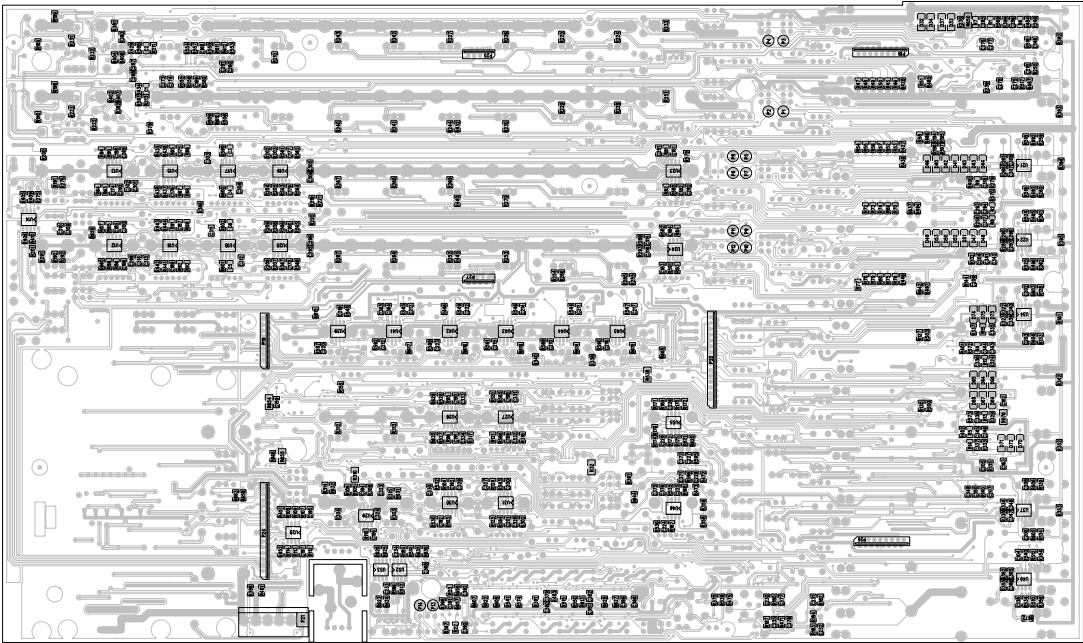


- LEFT
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**PENNEY**  
 P.O. BOX 238  
 WILSON, N.C. 27158  
**FX-51 MASTER**  
**PANEL & LEVEL METERS**  
 D1 Sheet 1 of 7 Rev. 83-001,12-84

"FACTORY DEF. ALT. IS NOT CONNECTED"  
 SOLDER P13 & P16  
 AND LK1 OUTPUTS







BILL OF MATERIAL REPORT

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REPORT DATE/TIME: 8/11/2005 11:00:52 AM

BOARD NAME: FX Master ASSEMBLY LEVEL NUMBER: 99061610

PROJECT NUMBER: P0300087 DESIGNER: FJE

| Qty.       | Part #         | Description                | Reference Designators   |
|------------|----------------|----------------------------|---|
| --         |                |                            |   |
| 9<br>R617  | 602-70200165-1 | RES SMD 0805 1/10W 5% 4.7K | R614 R615 R616<br>R618 R619 R620 R621<br>R622   |
| 25<br>R139 | 602-70200166-1 | RES SMD 0805 1/10W 5% 6.8K | R128 R133 R134<br>R248 R250 R259 R260<br>R261 R262 R354 R356<br>R637 R638 R639 R640<br>R641 R642 R643 R644<br>R645 R646 R647 R648<br>R649   |
| 122        | 602-70200168-1 | RES SMD 0805 1/10W 5% 10K  | R45 R46 R47 R48<br>R49 R50 R51 R52<br>R53 R54 R55 R56<br>R57 R58 R59 R60<br>R61 R62 R63 R64<br>R65 R66 R67 R68<br>R69 R70 R71 R72<br>R73 R74 R75 R76<br>R77 R78 R79 R80<br>R81 R82 R83 R84<br>R85 R86 R87 R88<br>R89 R90 R91 R92<br>R93 R94 R95 R96<br>R97 R98 R99 R100<br>R101 R102 R103 R104<br>R105 R106 R107 R108<br>R109 R110 R111 R112<br>R113 R114 R115 R116<br>R117 R118 R119 R120<br>R121 R122 R123 R124<br>R125 R126 R127 R129<br>R130 R131 R132 R135<br>R136 R137 R138 R140<br>R141 R142 R143 R144<br>R145 R149 R153 R158<br>R159 R162 R167 R168<br>R169 R170 R171 R172<br>R173 R174 R175 R176 |

R177 R178 R180 R182  
R183 R184 R187 R188  
R690 R697

113 602-70200169-1 RES SMD 0805 1/10W 5% 22K  
R223

R179 R181 R222

R224 R225 R226 R227  
R228 R229 R230 R231  
R232 R233 R236 R237  
R238 R239 R240 R241  
R242 R243 R244 R245  
R246 R251 R252 R253  
R256 R263 R264 R265  
R266 R267 R268 R269  
R270 R275 R276 R279  
R280 R281 R282 R283  
R284 R287 R288 R289  
R290 R291 R292 R293  
R294 R297 R298 R299  
R300 R301 R302 R303  
R304 R305 R306 R307  
R308 R309 R312 R313  
R314 R315 R316 R317  
R318 R319 R320 R321  
R322 R323 R324 R329  
R330 R333 R334 R337  
R338 R339 R340 R341  
R343 R344 R345 R346  
R347 R348 R349 R350  
R351 R355 R358 R359  
R360 R361 R362 R363  
R364 R365 R366 R367  
R396 R603 R604 R605  
R606

42 602-70200170-1 RES SMD 0805 1/10W 5% 47K  
R254

R160 R185 R186

R255 R271 R272 R273  
R274 R285 R286 R357  
R368 R411 R412 R413  
R414 R415 R416 R417  
R418 R419 R420 R421  
R422 R423 R424 R425  
R426 R674 R675 R677  
R678 R679 R680 R681  
R682 R683 R684 R685  
R686 R687

34 602-70200172-1 RES SMD 0805 1/10W 5% 1K  
R487

R484 R485 R486

R488 R489 R490 R491  
R492 R493 R494 R495  
R496 R497 R498 R499  
R500 R501 R502 R503  
R504 R505 R506 R507  
R508 R509 R510 R511  
R512 R515 R693 R694

|                      |                 |   |   |
|----------------------|-----------------|---|---|
|                      |                 |   | R695 R696   |
| 12<br>R560           | 602-70200174-1  | RES SMD 0805 1/10W 1% 10K                 | R557 R558 R559<br>R561 R562 R563 R564<br>R565 R566 R567 R568  |
| 18                   | 602-70200177-1  | RES SMD 0805 1/10W 5% 1M                  | R6 R7 R8 R9<br>R10 R11 R12 R13<br>R14 R15 R16 R17<br>R18 R19 R20 R21<br>R22 R23   |
| 11<br>R157           | 602-70200178-1  | RES SMD 0805 1/10W 5% 100K                | R150 R151 R154<br>R163 R166 R189 R190<br>R191 R192 R193   |
| 4<br>R406            | 602-70200212-1  | RES SMD 0805 1/8W 1% 169K                 | R403 R404 R405  |
| 4<br>R199 R200 R201  | 602-K11401152-1 | RES SMD 0805 1/8W 1% 11.5K T&R (KW000067) | R198  |
| 4<br>R408 R409 R410  | 602-K11402871-1 | RES SMD 0805 1/8W 1% 2.87K T&R (KW000080) | R407  |
| 8<br>R203 R204 R205  | 602-K11403242-1 | RES SMD 0805 1/8W 1% 32.4K T&R (KW000057) | R202<br>R206 R207 R208 R209   |
| 12<br>R211 R212 R213 | 602-K11408251-1 | RES SMD 0805 1/8W 1% 8.25K T&R (KW000070) | R210<br>R214 R215 R216 R217<br>R218 R219 R220 R221  |
| 28<br>R161 R342      | 602-K11420000-1 | RES SMD 0805 1/8W 5% 0R T&R (KW000105)    | R146 R147<br>R352 R353 R392 R393<br>R394 R395 R398 R481<br>R482 R658 R659 R660<br>R661 R662 R663 R664<br>R665 R666 R667 R668<br>R669 R670 R671 R672 |
| 5<br>R570 R571 R572  | 602-K11421202-1 | RES SMD 0805 1/8W 5% 12K T&R (KW000008)   | R569<br>R573  |

|                |                 |       |       |                  |  |                     |
|----------------|-----------------|-------|-------|------------------|--|---------------------|
| 2              | 602-K11421601-1 |       |       |                  | RES SMD 0805 1/8W 5% 1.6K T&R (KW000023) | R551                |
| R574           |                 |       |       |                  |  |                     |
| 29             | 602-K11422201-1 |       |       |                  | RES SMD 0805 1/8W 5% 2.2K T&R (KW000004) | R513                |
| R514 R516 R517 |                 |       |       |                  |  |                     |
|                |                 |       |       |                  | R518 R519 R520 R521                      |                     |
|                |                 |       |       |                  | R522 R523 R524 R525                      |                     |
|                |                 |       |       |                  | R526 R527 R528 R529                      |                     |
|                |                 |       |       |                  | R530 R531 R532 R533                      |                     |
|                |                 |       |       |                  | R534 R535 R536 R537                      |                     |
|                |                 |       |       |                  | R539 R540 R541 R542                      |                     |
|                |                 |       |       |                  | R543                                     |                     |
| 10             | 602-K11422203-1 |       |       |                  | RES SMD 0805 1/8W 5% 220K T&R (KW000003) | R234                |
| R249 R258 R277 |                 |       |       |                  |  |                     |
|                |                 |       |       |                  | R295 R311 R326 R327                      |                     |
|                |                 |       |       |                  | R331 R336                                |                     |
| 1              | 602-K11424700-1 |       |       |                  | RES SMD 0805 1/8W 5% 470R T&R (KW000112) | R550                |
| 1              | 602-K11428200-1 |       |       |                  | RES SMD 0805 1/8W 5% 820R T&R (KW000111) | R483                |
| 1              | 30210001        | 22    | 1W    | 5% MO AXL        |  | R397                |
| 20             | 70200035        | 470K  | 1/4W  | 5% MF 1206       |  | R235 R247 R257 R278 |
|                |                 |       |       |                  |  | R296 R310 R325 R328 |
|                |                 |       |       |                  |  | R332 R335 R650 R651 |
|                |                 |       |       |                  |  | R652 R653 R654 R655 |
|                |                 |       |       |                  |  | R673 R676 R691 R692 |
| 1              | 70200080        | 15K   | 1/4W  | 5% MF 1206       |  | R538                |
| 1              | 70200175        | 1.1K  | 1/10W | 1% MF 0805       |  | R391                |
| 2              | 70200184        | 392   | 1/10W | 1% MF 0805       |  | R479 R480           |
| 12             | 70200251        | 4.75K | 1/10W | 1% MF 0805       |  | R379 R380 R381 R382 |
|                |                 |       |       |                  |  | R383 R384 R385 R386 |
|                |                 |       |       |                  |  | R387 R388 R389 R390 |
| 1              | 70200317        | 56    |       | 1/10W 5% MF 0603 |  | R689                |
| 4              | 70200329        | 7.5K  |       | 1/10W 1% MF 0805 |  | R609 R610 R611 R612 |
| 111            | 70300085        | 0.1UF | 50V   | 80-20% Z5U 0805  |  | C145 C273 C274 C275 |
|                |                 |       |       |                  |  | C276 C277 C278 C279 |
|                |                 |       |       |                  |  | C280 C281 C282 C283 |
|                |                 |       |       |                  |  | C284 C285 C286 C287 |
|                |                 |       |       |                  |  | C288 C289 C290 C291 |
|                |                 |       |       |                  |  | C292 C293 C294 C295 |
|                |                 |       |       |                  |  | C296 C297 C298 C299 |
|                |                 |       |       |                  |  | C300 C301 C302 C303 |
|                |                 |       |       |                  |  | C304 C305 C306 C307 |
|                |                 |       |       |                  |  | C308 C309 C310 C311 |

|    |          |        |      |     |          |                     |
|----|----------|--------|------|-----|----------|---------------------|
|    |          |        |      |     |          | C312 C313 C314 C315 |
|    |          |        |      |     |          | C316 C317 C318 C319 |
|    |          |        |      |     |          | C320 C321 C322 C323 |
|    |          |        |      |     |          | C324 C325 C326 C327 |
|    |          |        |      |     |          | C328 C329 C330 C331 |
|    |          |        |      |     |          | C332 C333 C334 C335 |
|    |          |        |      |     |          | C336 C337 C338 C339 |
|    |          |        |      |     |          | C340 C341 C342 C343 |
|    |          |        |      |     |          | C344 C345 C346 C347 |
|    |          |        |      |     |          | C348 C349 C350 C357 |
|    |          |        |      |     |          | C358 C359 C360 C363 |
|    |          |        |      |     |          | C364 C365 C366 C367 |
|    |          |        |      |     |          | C368 C371 C372 C373 |
|    |          |        |      |     |          | C374 C375 C376 C377 |
|    |          |        |      |     |          | C378 C379 C380 C381 |
|    |          |        |      |     |          | C382 C383 C384 C385 |
|    |          |        |      |     |          | C386 C389 C390 C391 |
|    |          |        |      |     |          | C392 C413 C414      |
| 6  | 70300086 | 10PF   | 50V  | 5%  | NPO 0805 | C1 C2 C3 C4         |
|    |          |        |      |     |          | C5 C6               |
| 60 | 70300087 | 39PF   | 50V  | 5%  | NPO 0805 | C168 C169 C170 C171 |
|    |          |        |      |     |          | C172 C173 C174 C175 |
|    |          |        |      |     |          | C176 C177 C178 C179 |
|    |          |        |      |     |          | C180 C181 C182 C183 |
|    |          |        |      |     |          | C184 C185 C186 C187 |
|    |          |        |      |     |          | C188 C189 C195 C197 |
|    |          |        |      |     |          | C198 C199 C200 C201 |
|    |          |        |      |     |          | C202 C203 C204 C205 |
|    |          |        |      |     |          | C206 C207 C208 C209 |
|    |          |        |      |     |          | C210 C211 C212 C213 |
|    |          |        |      |     |          | C214 C215 C216 C217 |
|    |          |        |      |     |          | C219 C220 C222 C223 |
|    |          |        |      |     |          | C224 C225 C226 C227 |
|    |          |        |      |     |          | C228 C229 C230 C231 |
|    |          |        |      |     |          | C232 C233 C234 C235 |
| 6  | 70300089 | 220PF  | 50V  | 5%  | NPO 0805 | C148 C218 C221 C351 |
|    |          |        |      |     |          | C352 C353           |
| 6  | 70300116 | 0.01UF | 50V  | 5%  | X7R 0805 | C397 C398 C399 C400 |
|    |          |        |      |     |          | C401 C402           |
| 10 | 70300121 | 0.1UF  | 50V  | 5%  | X7R 0805 | C155 C156 C157 C158 |
|    |          |        |      |     |          | C159 C160 C161 C162 |
|    |          |        |      |     |          | C163 C164           |
| 2  | 70300147 | 680PF  | 50V  | 5%  | NPO 0805 | C104 C138           |
| 8  | 70300185 | 150PF  | 200V | 5%  | NPO 0805 | C93 C98 C190 C191   |
|    |          |        |      |     |          | C192 C193 C194 C196 |
| 12 | 70320184 | 2.2UF  | 50V  | 20% | ELN RAD  | C248 C249 C250 C251 |
|    |          |        |      |     |          | C252 C253 C254 C255 |

C256 C257 C258 C259

|     |          |        |            |     |   |
|-----|----------|--------|------------|-----|---|
| 1   | 70320261 | 1UF    | 50V 20% EL | RAD | C165  |
| 1   | 70320264 | 100UF  | 63V 20% EL | RAD | C46   |
| 2   | 70320303 | 2700PF | 50V 5% PE  | RAD | C166 C167   |
| 144 | 70320344 | 47UF   | 35V 20% EL | RAD | C7 C8 C9 C10<br>C11 C12 C13 C14<br>C15 C16 C17 C18<br>C19 C20 C21 C22<br>C23 C24 C25 C26<br>C27 C28 C29 C30<br>C31 C32 C33 C34<br>C35 C36 C37 C38<br>C39 C40 C41 C42<br>C43 C44 C45 C47<br>C48 C49 C50 C51<br>C52 C53 C54 C55<br>C56 C57 C58 C59<br>C60 C61 C62 C63<br>C64 C65 C66 C67<br>C68 C69 C70 C71<br>C72 C73 C74 C75<br>C76 C77 C78 C79<br>C80 C81 C82 C83<br>C84 C85 C86 C87<br>C88 C89 C90 C91<br>C92 C94 C95 C96<br>C97 C99 C100 C101<br>C102 C103 C105 C106<br>C107 C108 C109 C110<br>C111 C112 C113 C114<br>C115 C116 C117 C118<br>C119 C120 C121 C122<br>C123 C124 C125 C126<br>C127 C128 C129 C130<br>C131 C132 C133 C134<br>C135 C136 C137 C139<br>C140 C141 C142 C143<br>C144 C146 C147 C403<br>C404 C405 C406 C407<br>C408 C409 C410 C411 |
| 1   | 70320351 | 220UF  | 35V 20% EL | RAD | C272  |
| 2   | 70330117 | 6800PF | 50V 5% PE  | RAD | C236 C237   |
| 12  | 70330129 | 0.1UF  | 50V 5% PE  | RAD | C260 C261 C262 C263<br>C264 C265 C266 C267<br>C268 C269 C270 C271   |
| 6   | 70330131 | 1200PF | 50V 5% PE  | RAD | C149 C150 C151 C152   |

|    |          |               |                    |            |        |   |  |
|----|----------|---------------|--------------------|------------|--------|---|--|
|    |          |               |                    |            |        | C153 C154   |  |
| 6  | 70330136 | 0.047UF       | 50V                | 5%         | PE RAD | C238 C239 C240 C241<br>C242 C243  |  |
| 4  | 70330153 | 3900PF        | 50V                | 5%         | PE RAD | C393 C394 C395 C396   |  |
| 4  | 70330155 | 0.01UF        | 50V                | 5%         | PE RAD | C244 C245 C246 C247   |  |
| 60 | 70418026 | 1N4148 (LL34) | DIODE              | SMT        |        | D32 D33 D34 D35<br>D36 D37 D38 D39<br>D40 D41 D42 D43<br>D44 D45 D46 D47<br>D48 D49 D50 D51<br>D52 D53 D54 D55<br>D56 D57 D58 D59<br>D60 D61 D62 D63<br>D64 D65 D66 D67<br>D68 D69 D70 D71<br>D72 D73 D74 D75<br>D76 D77 D79 D80<br>D81 D82 D83 D84<br>D85 D86 D87 D88<br>D89 D90 D91 D92 |  |
| 2  | 70418033 | MPS6533/34    | PNP                | SMT        |        | Q9 Q10  |  |
| 5  | 70418034 | 2SC2412       | NPN                | SMT        |        | Q11 Q12 Q13 Q14<br>Q15  |  |
| 8  | 70418051 | MMBTA13LTI    | NPN                | DARL.      | SMT    | Q1 Q2 Q3 Q4<br>Q5 Q6 Q7 Q8  |  |
| 11 | 70418110 | LM339         | QUAD               | COMPARATOR | SMT    | U9 U25 U32 U35<br>U38 U56 U57 U58<br>U59 U60 U61  |  |
| 3  | 70418150 | 2068          | DUAL               | LN         | OPAMP  | SO8   | U33 U36 U47  |
| 1  | 70418315 | NJU211M       | 4-ANALOG           | SW         | -SMT   |   | U51  |
| 2  | 70418379 | 74HC165       | PARALLEL-IN/SERIAL | OUT        |        |   | U1 U2  |
| 40 | 70418506 | 4565          | DUAL               | OPAMP      | SOIC8W |   | U3 U4 U5 U6<br>U7 U8 U12 U13<br>U14 U15 U16 U17<br>U18 U19 U20 U21<br>U22 U23 U24 U26<br>U27 U28 U29 U30<br>U31 U34 U37 U39<br>U41 U42 U43 U44<br>U45 U46 U49 U50<br>U52 U53 U54 U55 |

|    |          |                              |  |
|----|----------|------------------------------|--|
| 17 | 70450050 | RED T1 LED W/.500" SPCR      | D99 D100 D101 D102<br>D103 D104 D105 D106<br>D107 D108 D109 D110<br>D111 D112 D113 D114<br>D115  |
| 1  | 70450051 | GRN T1 LED W/.500" SPCR      | D3   |
| 12 | 70450052 | YEL T1 LED W/.500" SPCR      | D20 D21 D22 D23<br>D24 D25 D26 D27<br>D28 D29 D30 D31  |
| 2  | 70450837 | RED RECT LED W/0.390" SPACER | D1 D2  |
| 16 | 70450838 | GRN RECT LED W/0.390" SPACER | D4 D5 D6 D7<br>D8 D9 D10 D11<br>D12 D13 D14 D15<br>D16 D17 D18 D19   |
| 6  | 70450839 | YEL RECT LED W/0.390" SPACER | D93 D94 D95 D96<br>D97 D98   |
| 8  | 71190257 | 10KB SNGL 9MM DET VER        | VR3 VR16 VR65 VR66<br>VR67 VR68 VR69 VR70  |
| 32 | 71190259 | 50KB SNGL 9MM DET VER        | VR2 VR5 VR6 VR7<br>VR8 VR9 VR10 VR11<br>VR15 VR18 VR19 VR20<br>VR21 VR22 VR23 VR24<br>VR32 VR33 VR34 VR35<br>VR36 VR37 VR45 VR46<br>VR47 VR48 VR49 VR50<br>VR53 VR54 VR57 VR58 |
| 4  | 71190261 | 25KSP SNGL 9MM VER           | VR1 VR14 VR27 VR40   |
| 6  | 71190710 | 10KA/C DUAL 12MM DET VER     | VR12 VR25 VR38 VR51<br>VR55 VR59   |
| 3  | 71190711 | 10KB DUAL 12MM VER           | VR28 VR41 VR73   |
| 2  | 71190715 | 500K15C SNGL 12MM VER        | VR4 VR17   |
| 4  | 71190716 | 50KB DUAL 12MM DET VER       | VR29 VR31 VR42 VR44  |
| 6  | 71190717 | 10KB DUAL 12MM DET VER       | VR30 VR43 VR56 VR60<br>VR71 VR72   |
| 8  | 71191056 | 10KA SNGL 60MM VER           | VR13 VR26 VR61 VR62  |



VR63 VR64 VR74 VR75

|    |          |                             |  |
|----|----------|-----------------------------|--|
| 2  | 71191057 | 10KA DUAL 60MM VER          | VR39 VR52  |
| 54 | 71322356 | SWITCH DPDT 2.8MM SHFT V    | S1 S2 S3 S4<br>S5 S7 S8 S9<br>S10 S11 S13 S15<br>S16 S17 S18 S20<br>S22 S23 S24 S25<br>S27 S28 S29 S30<br>S33 S34 S35 S36<br>S38 S39 S40 S41<br>S42 S43 S44 S45<br>S46 S47 S48 S49<br>S50 S51 S52 S53<br>S54 S55 S56 S57<br>S58 S59 S60 S61<br>S63 S72 |
| 9  | 71322360 | SWITCH 4PDT 2.8MM SHFT V    | S6 S12 S14 S19<br>S21 S26 S31 S32<br>S37   |
| 5  | 71322361 | SWITCH DPDT 2.8MM MOM V     | S65 S66 S67 S68<br>S69   |
| 2  | 71322479 | ENCNDR 24P 24D 2BIT SW PC V | S70 S71  |
| 1  | 71466216 | STEREO HID JACK INSU W/SP   | J1   |
| 2  | 73717197 | 4 HDR V JST-EHR 2.5MM TIN   | P15 P16  |
| 1  | 73719108 | 6 HDR V SR .156" TIN        | P21  |
| 2  | 73719146 | 16 FLT FLX 1.0MM CONN SMT   | P17 P23  |
| 3  | 73719149 | 16 FLT FLX 1.0MM CONN TH    | P18 P19 P26  |
| 2  | 73719150 | 8 FLT FLX 1.0MM CONN TH     | P25 P27  |
| 2  | 73719153 | 30 FLT FLX 1.0MM CONN TH    | P20 P24  |
| 1  | 73719155 | 12 FLT FLX 1.0MM CONN SMT   | P22  |
| 4  | K702004  | 8.2K 1/10W 5% MF 0805       | R399 R400 R401 R402  |
| 8  | K702007  | 3.3K 1/10W 5% MF 0805       | R371 R372 R373 R374<br>R375 R376 R377 R378   |
| 8  | K702008  | 150K 1/10W 5% MF 0805       | R148 R152 R155 R156<br>R164 R165 R656 R657   |
| 38 | K702009  | 100 1/10W 5% MF 0805        | R427 R428 R429 R430  |

|    |           |      |                  |   |
|----|-----------|------|------------------|---|
|    |           |      |                  | R431 R432 R433 R434<br>R435 R436 R437 R438<br>R439 R440 R441 R442<br>R443 R444 R445 R446<br>R447 R448 R449 R450<br>R451 R452 R453 R455<br>R456 R458 R466 R471<br>R472 R473 R474 R475<br>R477 R478 |
| 9  | K702011   | 33K  | 1/10W 5% MF 0805 | R597 R598 R599 R600<br>R601 R602 R607 R635<br>R636  |
| 7  | K702014   | 68K  | 1/10W 5% MF 0805 | R544 R545 R546 R547<br>R548 R549 R552   |
| 6  | K702018   | 4.7  | 1/10W 5% MF 0805 | R194 R195 R196 R197<br>R369 R370  |
| 4  | K70200443 | 2.2M | 1/10W 5% MF 0805 | R553 R554 R555 R556   |
| 22 | K70200444 | 15K  | 1/10W 5% MF 0805 | R575 R576 R577 R578<br>R579 R580 R581 R582<br>R583 R584 R585 R586<br>R587 R588 R589 R590<br>R591 R592 R593 R594<br>R595 R596  |
| 1  | K70200445 | 3K   | 1/10W 5% MF 0805 | R608  |
| 6  | K70200446 | 7.5K | 1/10W 5% MF 0805 | R629 R630 R631 R632<br>R633 R634  |
| 2  | K70200447 | 220  | 1/10W 5% MF 0805 | R613 R688   |
| 4  | K70200448 | 150  | 1/10W 5% MF 0805 | R623 R624 R625 R626   |
| 2  | K70200449 | 120  | 1/10W 5% MF 0805 | R627 R628   |
| 5  | K70200450 | 51   | 1/10W 5% MF 0805 | R1 R2 R3 R4<br>R5   |
| 21 | K70200451 | 6.8K | 1/4W 5% 1206     | R24 R25 R26 R27<br>R28 R29 R30 R31<br>R32 R33 R34 R35<br>R36 R37 R38 R39<br>R40 R41 R42 R43<br>R44  |

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 END OF BILL OF MATERIAL REPORT  
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BUS CONNECTIONS  
LOCATE NEAR CH1 TRADER

