1
2
3
4
5
6
7
8
D
C
B
A
Q327 C3194Y
C354 4.7/50
D309 1N4148
R357 10K
R358 18K
D310 1N4148
R359 10K
D311 1N4148
D312 MI301
D313 MI301
R360 220
VR101 100KB
C355 3.3/50
C356 473
R361 1K
C357 473
C358 33/16
Rx 8V
C301 103
L301 ST401
C353 103
R354 1K
R355 1K
R356 100K
C351 220P
R353 100K
Q326 C3192Y
Q325 C3192Y
C352 24P
C350 220P
D307 1N60
D308 1N60
R350 1M
C349 332
C348 473
R348 510K
R351 100K
Q324 A1267GR
D306 1N4148
R349 4.7K
R352 560
C302 102
R301 220
Q301 C3194Y
R302 680
C304 103
C305 103
L302 AP1
R303 68
R304 10K
C306 6P
L303 AP2
C307 68p
R305 10K
Q302 C3195O
Q303 C3195O
R347 1K
C347 82P
Q323 C3195O
C346 102
L304 AP3
R306 47
C308 473
R307 470
C309 103
Q407 A101M
RFC 301 6.8uH
C375 15p
C003 10P
C364 103
C002 223
C001 223
RFC 304 6.8uH
R309 220
C310 5P
R310 3.9K
R311 470
R312 100
C311 103
CF301 10.695MHz
R368 2.2K
Q304 C3194Y
R313 68K
R314 330
C312 473
L305 ST404
R315 2.2K
CF302 CFW455HT
D316 1N4148
D315 1N4148
R001 2K2
C365 0.1/50
Q331 C111M
D001 1N4148
D314 1N4148
Q329 C111M
R382 47K
Q330 C111M
R380 2K2
R367 47K
C004 104
R381 22K
R003 8K2
Q305 C3199CR
C313 103
R316 2.2K
R317 10K
R318 470
C314 473
R319 1K
C315 102
R320 47K
R321 470K
Q306 C3199CR
C316 473
R322 150
L306 ST405
R323 180
C317 473
R362 1K
X201 10.240MHz
Q328 C3194Y
R365 8.2K
C363 0.1/50
R366 1M
CT301 20P
C359 15P
C360 100P
C362 470P
R363 4.7K
R364 68K
C361 473
D321 1N4148
R378 100K
R377 2.7K
R379 2.2K
Q334 C3199GR
Q333 C3199GR
R374 1.8K
RV203 22KB
R376 39K
R369 10K
R375 22K
R373 1M
C370 10/16
D322 1N4148
Q307 A1267GR
C329 223
IC204A MC14066
R336 47K
R335 100K
R334 47K
R332 47K
C328 27P
L307 ST435
C330 223
R331 33K
C333 1/50
D301 1N60M
R326 1K
C320 6P
R327 330
R325 3.3K
IC201 BA403
C325 473
IC204C MC14066
VR102 VOL 50KA
R324 22K
D302 1N4148
C318 472
C319 472
C321 473
D304 1N4148
D303 1N4148
C322 33/16
R328 100
C323 103
C324 473
R330 100K
C326 223
C331 223
R337 100K
R329 56K
RV202 470KB
C378 104
RFC 303 10uH
C379 472
JACK2 S-METER
R342 10K
C335 473
VR103 SQ 10KB
TX MOD
AM LOCK
FM NB
COMP
S-RF
SCAN DW
ANL ME
888
IC103 MS212
R117 10K
LDT
IC101 KB8805
+5V
C101 103
C102 47U/10V
Q101 2SC4666 NB-SW
R106 100K
R110 750K
C110 104
C111 104
OSCI
GND
DATA
RESET
ACK
RQST
VDD
C109 104
CLK
EN
SQ-TEST
PDT
TIF
LEVEL-TEST
MOD/RF-SW
FM-SW
C105a 30P
R101 1M
C105 30P
X101 5.12MHZ
C104a 62P
D101a 1SS53
C103 10P
C104 39P
C104 103
C115 103
R114 10K
C376 102
C107 104
IC102 MC68HC908
S101 A/FM
S102 CH9
S103 SCAN
S108 DW
S106 LIGT
S104 MOD
S105 NB
S107 FR
C106 102
C106 104
R105 10K
R101a 3K3
TX-ENABLE
TX-8V
R103 10K
R104 10K
R120 8K2
R119 4K7
R115 1K
Q103 C3876SY
DOWN
UP
C105 102
R112 10K
R118 1K
R107 10K
Q102 2SC4666
R102 1K
R113 15K
D101 1N4148
Q104 C3876SY
R116 4K7
B106 36
B105 36
B104 36
B103 36
B101 36
B102 36
R109 33 1/4W
SW102 POWER
T401 CHOKE
C402 103(D)
POWER+ 13.8V
C512 223(D)
FRC401
D401 1N4001
C401 103(D)
D403 1N4001
C409 103(D)
POWER-
C408 223(D)
IC204 MC14066
R401 47K
C413 104
C404 103
C405 47/16
C406 103
IC402 78L05
Vout
Vin
GND
D405 1N4148
C407 103(D)
R402 47
R223 47
R002 10K
R219 22K
C231 180P
C235 33P
R225 220K
Q209 C3195O
C239 103
C238 47/16
R228 1K
R220 10K
C232 103
D205 SVC251
D204 SVC251
C236 220P
R226 2.2K
C237 220P
R224 2.2K
C233 0.47U/50V
R222 680
C234 2.2/16
C230 6P
R218 10K
R217 470K
D203 SVC251
C229 43P
C228 6P
L209 ST306
C240 47P
R227 470k
Q210 C3194Y
R229 1K
C380 100P
C241 103
R246 220K
C257 473
C258 473
R247 100K
IC204D MC14066
R371 1K
R372 1K
C369 100/16
C368 10/16
Q332 C3199GR
R370 33K
C367 102
C336 473
C366 102
R343 1K
C337 472
IC202A TDA2003
C340 1000/16
C338 22/16
R344 2.2
R345 2.2K
C339 0.47/50
C341 470/16
T201 OPT
D320 1N4001
C374 223(D)
C273 1000/16
C342 220/16
RFC 302 10uH
C343 102
JACK1 EXT SP
R346 10/2W
SPK1 SPK
C344 102
R341 100K
R413 10K
Q408 C111M
Q206 C3194Y
C227 103
R216 4.7K
R215 4.7K
C223 150p
Rx 8V
Tx 8V
Q406 C3198GR
Q405 A1266GR
C224 103
D201 1N60
R409 10 1/2
Q404 C3198GR
R410 470
C410 33/16
D408 9.1V
C412 47/16
R411 2.2K
D409 6.2V
R412 4K7
D410 1N4148
R213 39K
R211 4.7K
Q204 C3194Y
C220 22p
C219 103
R212 1K
R210 15K
C221 33u/16v
C222 103
C218 6P
C217 100P
L208 ST408
L207 ST409
R209 3K3
Q203 C3192Y
C216 103
R208 10
C262 100p
L206 ST410
R207 47 1/8W
C215 103(D)
C225 473
Q403 A1658
R403 680
R404 10K
Q402 A200
Q401 C3198GR
R408 390
R406 270
R405 100
D407 5.6V
C247 103
C248 10/16
C252 683(M)
Q215 C114M
RV201 1KB
R245 2.7K
C254 4.7/50
IC203A K1A4558F
R244 10K
R243 12K
R242 10K
C253 680P
C250 0.015
R241 47K
C255 102
C332 15P
C377 1P
R338 10K
D305 1N4148
R339 1K
C334 103
R340 10K
RFC 203 6.8uH
R204 1k
C212 473(D)
R205 10/1W
C213 473(D)
L210 13T
RFC 202a 0.68uH
C211a 220P
C211 100p
Q202 C2314E
L205 6.5T
RFC 202 6.8uH
R202 15
Q201 C2078E
C207 150P
C208 27P
C262a 150P
R206 100
C210 68p
R203 68
L204 6T5
L203 6T5
L202 8T5
L201 8T5
C204 33P
C202 270P
C206 180P
C205a 82P
C205 220P
C203 220P
C203a 68P
R201 4.7K 1/8W
C201 2202
ANT
MIC101 MIC JACK
C261 103
R414 2.2K
C111 103
D212 1N4148
Q216 C3199GR
R260 2.2K
Q217 A1267GR
RV204 3.3KB
R262 10K
R261 680
R259 22K
C260 47/16
C256 10/16
D206 1N4148
RFC 102 10uH
RFC 101 10uH
R236 220K
C246 120P
C244 104
R234 220
C251 1/50
D208 1N4148
D207 1N4148
C249 1/50
IC203B K1A4558F
R233 27K
R240 47K
R239 1K
R238 10K
R237 1K
R235 33K
C245 10/16
C243 102
C112 472
VR104 MIC 5KB