



| ITEM | PART/DWG<br># | REQ'D | NAME AND DESCRIPTION                        | NOTES                                                                                                                                                          |
|------|---------------|-------|---------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1    | 000038        | 1     | MIC2920A-3.3BS, AIC, MICREL, MIC2920A-3.3BS | U20                                                                                                                                                            |
| 2    | 001748        | 3     | CAP, CAP, 1uF, MURATA, GRM40X5R105K10       | C33 C62 C91                                                                                                                                                    |
| 3    | 001749        | 1     | CAP, CAP, 2.2uF, MURATA, GRM40Y5V225Z10     | C60                                                                                                                                                            |
| 4    | 002051        | 1     | RES, RES, 0, KOA, RK73Z1JTD                 | R408                                                                                                                                                           |
| 5    | 002052        | 1     | RES, RES, 1.00, KOA, RK73H1JT1R00F          | R101                                                                                                                                                           |
| 6    | 002236        | 1     | RES, RES, 82.5, KOA, RK73H1JT82R5F          | R77                                                                                                                                                            |
| 7    | 002671        | 1     | CAP, CAP, 8.2pF, MURATA, GRM39COG8R2C50     | C400                                                                                                                                                           |
| 8    | 003244        | 2     | RES, RES, 100, KOA, RK73H1ETP1000F          | R304 R305                                                                                                                                                      |
| 9    |               | 0     |                                             |                                                                                                                                                                |
| 10   | 003283        | 1     | RES, RES, 255, KOA, RK73H1ETP2550F          | R111                                                                                                                                                           |
| 11   | 003290        | 6     | RES, RES, 301, KOA, RK73H1ETP3010F          | R400 R401 R403<br>R404 R405 R406                                                                                                                               |
| 12   | 003296        | 1     | RES, RES, 348, KOA, RK73H1ETP3480F          | R114                                                                                                                                                           |
| 13   | 003319        | 4     | RES, RES, 604, KOA, RK73H1ETP6040F          | R1 R2 R82 R83                                                                                                                                                  |
| 14   | 003340        | 14    | RES, RES, 1.00k, KOA, RK73H1ETP1001F        | R10 R18 R20 R32<br>R35 R53 R54 R56<br>R108 R116 R413<br>R414 R415 R416                                                                                         |
| 15   | 003357        | 3     | RES, RES, 1.50k, KOA, RK73H1ETP1501F        | R43 R68 R79                                                                                                                                                    |
| 16   | 003369        | 6     | RES, RES, 2.00k, KOA, RK73H1ETP2001F        | R24 R52 R70 R90<br>R92 R402                                                                                                                                    |
| 17   | 003390        | 1     | RES, RES, 3.32k, KOA, RK73H1ETP3321F        | R42                                                                                                                                                            |
| 18   | 003428        | 1     | RES, RES, 8.25k, KOA, RK73H1ETP8251F        | R17                                                                                                                                                            |
| 19   | 003436        | 10    | RES, RES, 10.0k, KOA, RK73H1ETP1002F        | R5 R8 R21 R29 R51<br>R72 R80 R102 R105<br>R115                                                                                                                 |
| 20   | 003459        | 1     | RES, RES, 17.4k, KOA, RK73H1ETP1742F        | R50                                                                                                                                                            |
| 21   | 003465        | 7     | RES, RES, 20.0k, KOA, RK73H1ETP2002F        | R12 R13 R14 R15<br>R89 R94 R103                                                                                                                                |
| 22   | 003485        | 6     | RES, RES, 32.4k, KOA, RK73H1ETP3242F        | R91 R93 R100 R104<br>R107 R112                                                                                                                                 |
| 23   | 003496        | 1     | RES, RES, 42.2k, KOA, RK73H1ETP4222F        | R95                                                                                                                                                            |
| 24   | 003503        | 1     | RES, RES, 49.9k, KOA, RK73H1ETP4992F        | R23                                                                                                                                                            |
| 25   | 003532        | 4     | RES, RES, 100k, KOA, RK73H1ETP1003F         | R27 R88 R106 R113                                                                                                                                              |
| 26   | 003651        | 1     | CAP, CAP, 0.5pF, MURATA, GRM36COG0R5C50     | C311                                                                                                                                                           |
| 27   | 003653        | 9     | CAP, CAP, 1.0pF, MURATA, GRM36COG1R0C50     | C68 C303 C436 C437<br>C438 C439 C440<br>C441 C443                                                                                                              |
| 28   | 003671        | 24    | CAP, CAP, 8.2pF, MURATA, GRM36COG8R2C50     | C3 C23 C24 C25 C26<br>C38 C41 C43 C50<br>C51 C52 C53 C54<br>C55 C66 C71 C74<br>C75 C76 C95 C306<br>C313 C401 C442                                              |
| 29   | 003675        | 34    | CAP, CAP, 12pF, MURATA, GRM36COG120J50      | C402 C403 C404<br>C405 C406 C407<br>C408 C409 C410<br>C411 C412 C413<br>C414 C415 C416<br>C417 C418 C419<br>C420 C421 C422<br>C423 C424 C425<br>C426 C427 C428 |

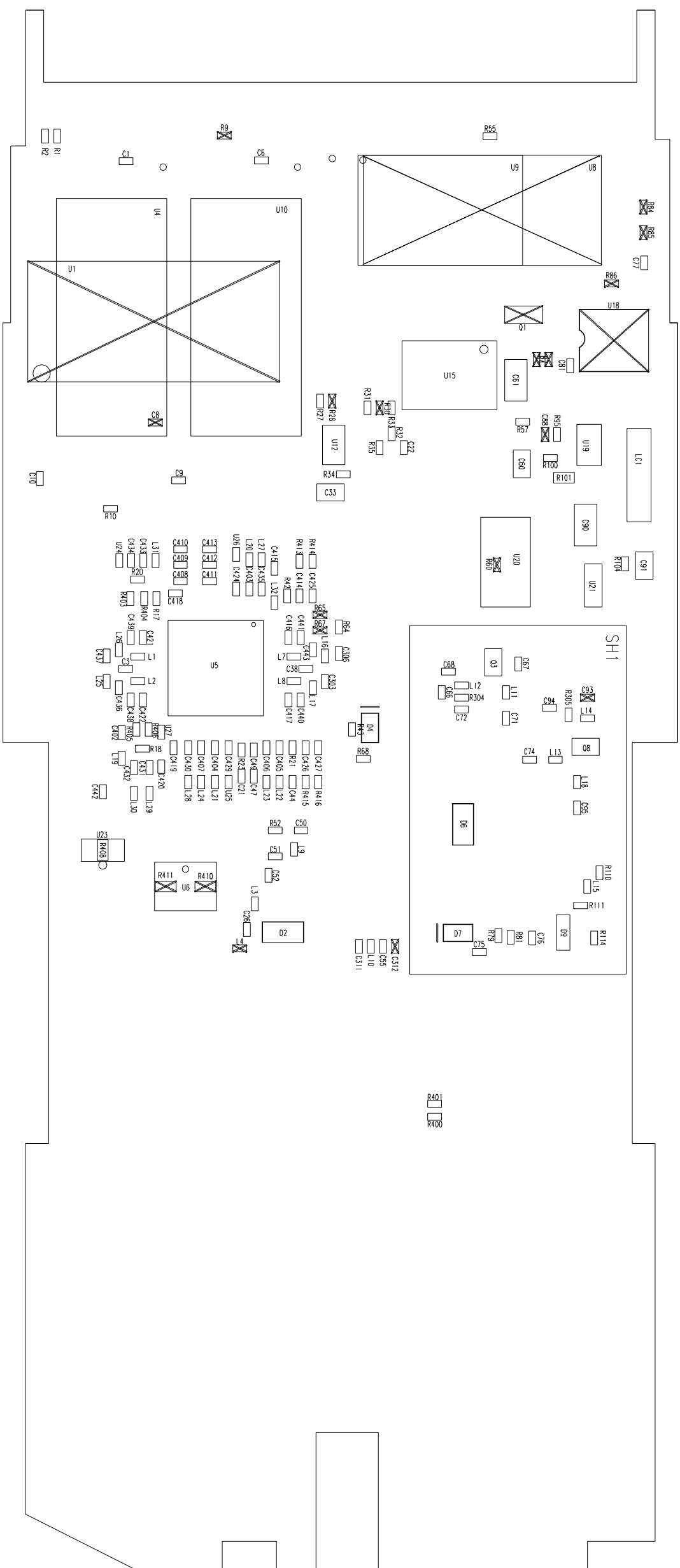
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| AGERE SYSTEMS NEDERLAND B.V.                       |  | 017758 |              |
| UNIT : ORINOCO/IEEE PCMCIA type 2<br>EXTENDED RUBY |  | SCALE: | REV :A       |
| NAME : BOARD ASSY                                  |  |        | SHEET 2 OF 5 |

| ITEM | PART/DWG<br># | REQ'D | NAME AND DESCRIPTION                                | NOTES                                                                                                             |
|------|---------------|-------|-----------------------------------------------------|-------------------------------------------------------------------------------------------------------------------|
|      |               |       |                                                     | C429 C430 C431<br>C432 C433 C434<br>C435                                                                          |
| 30   | 003689        | 4     | CAP, CAP, 47pF, MURATA, GRM36COG470J50              | C21 C35 C36 C47                                                                                                   |
| 31   | 003703        | 2     | CAP, CAP, 180pF, MURATA, GRM36COH181J25             | C22 C49                                                                                                           |
| 32   | 003714        | 12    | CAP, CAP, 1nF, MURATA, GRM36X7R102K50               | C44 C67 C72 C73<br>C79 C80 C83 C85<br>C87 C92 C94 C97                                                             |
| 33   | 003727        | 2     | CAP, CAP, 15nF, MURATA, GRM36Y5V153Z50              | C84 C96                                                                                                           |
| 34   | 003731        | 26    | CAP, CAP, 100nF, MURATA, GRM36Y5V104Z16             | C6 C7 C2 C1 C9 C10<br>C11 C14 C18 C28<br>C29 C30 C31 C32<br>C39 C56 C57 C58<br>C59 C69 C70 C77<br>C78 C81 C86 C89 |
| 35   | 003852        | 1     | IND, IND, 1.2nH, TOKO, LL1005-FH1N2S                | L18                                                                                                               |
| 36   | 003855        | 5     | IND, IND, 2.2nH, TOKO, LL1005-FH2N2S                | L1 L2 L7 L8 L33                                                                                                   |
| 37   | 003857        | 18    | IND, IND, 3.3nH, TOKO, LL1005-FH3N3K                | L19 L20 L21 L22<br>L23 L24 L25 L26<br>L27 L28 L29 L30<br>L31 L32 U24 U25<br>U26 U27                               |
| 38   | 003859        | 1     | IND, IND, 4.7nH, TOKO, LL1005-FH4N7K                | L15                                                                                                               |
| 39   | 003860        | 2     | IND, IND, 5.6nH, TOKO, LL1005-FH5N6K                | L16 L17                                                                                                           |
| 40   | 003864        | 7     | IND, IND, 12nH, TOKO, LL1005-FH12NK                 | L3 L9 L10 L11 L12<br>L13 L14                                                                                      |
| 41   | 005051        | 10    | RES, RES, 0, KOA, RM73Z1ETD                         | R3 R11 R31 R33 R55<br>R62 R64 R78 R306<br>R308                                                                    |
| 42   | 005059        | 2     | RES, RES, 2.0, KOA, RM73B1ETP2R0J                   | R22 R40                                                                                                           |
| 43   | 005076        | 4     | RES, RES, 10, KOA, RM73B1ETP10RJ                    | R49 R57 R109 R412                                                                                                 |
| 44   | 005083        | 3     | RES, RES, 20, KOA, RM73B1ETP20RJ                    | R63 R98 R99                                                                                                       |
| 45   |               | 0     |                                                     |                                                                                                                   |
| 46   | 005093        | 2     | RES, RES, 51, KOA, RM73B1ETP51RJ                    | R81 R110                                                                                                          |
| 47   | 005107        | 1     | RES, RES, 200k, KOA, RM73B1ETP2003J                 | R34                                                                                                               |
| 48   | 005125        | 1     | RES, RES, 1.0, KOA, RK73H2A1R0F                     | R71                                                                                                               |
| 49   | 005139        | 1     | RES, RES, 3.9, KOA, RK73H2A3R9F                     | R69                                                                                                               |
| 50   | 010003        | 1     | BFP420, TRANSISTOR, SIEMENS, Q62702-F1591           | Q3                                                                                                                |
| 51   | 010005        | 1     | SI2301DS, TRANSISTOR, SILICONIX, (TEMIC)            | U21                                                                                                               |
| 52   | 010009        | 1     | BFP450, TRANSISTOR, SIEMENS, Q62702-F1590           | Q8                                                                                                                |
| 53   | 010004        | 1     | MA-LC22.000MHz, AIC, USI, MA-LC22.000MHz            | U15                                                                                                               |
| 54   | 010010        | 1     | 74LVC00PW, DIC                                      | U7                                                                                                                |
| 55   | 010011        | 2     | BC847BW, TRANSISTOR, PHILIPS, BC847BW               | Q2 Q7                                                                                                             |
| 56   | 010016        | 2     | BCV62, TRANSISTOR, PHILIPS, BCV62B                  | Q4 Q5                                                                                                             |
| 57   | 010017        | 1     | TLV431ACDBV5, DIODE, TEXAS, TLV431ACDBV5            | D8                                                                                                                |
| 58   | 010018        | 1     | RF_CONN_INBOARD, CONN, RADIAL, R299.794.000         | J400                                                                                                              |
| 59   | 010020        | 2     | LGM670_K, DIODE, SIEMENS, Q62703-Q3394              | D400 D401                                                                                                         |
| 60   | 010021        | 1     | BAR64_03W, DIODE, SIEMENS, BAR64-03W                | D4                                                                                                                |
| 61   | 010023        | 1     | LFJ30_03B2450BA100, AIC, MURATA, LFJ30_03B2450BA100 | U6                                                                                                                |
| 62   | 010202        | 1     | emi_fil, CAP, NFM61R 4.7nF, MURATA, NFM61R30T472    | LC1                                                                                                               |
| 63   | 010204        | 1     | BAR63_03W, DIODE, SIEMENS, BAR63-03W                | D7                                                                                                                |
| 64   | 010206        | 2     | MIC5205, AIC, MICREL, MIC5205BM5                    | U14 U19                                                                                                           |
| 65   | 010334        | 1     | BU4S71, MISC, ROHM, BU4S71                          | U12                                                                                                               |
| 66   | 010464        | 1     | HSMS2852, DIODE, HP, HSMS2852                       | D9                                                                                                                |

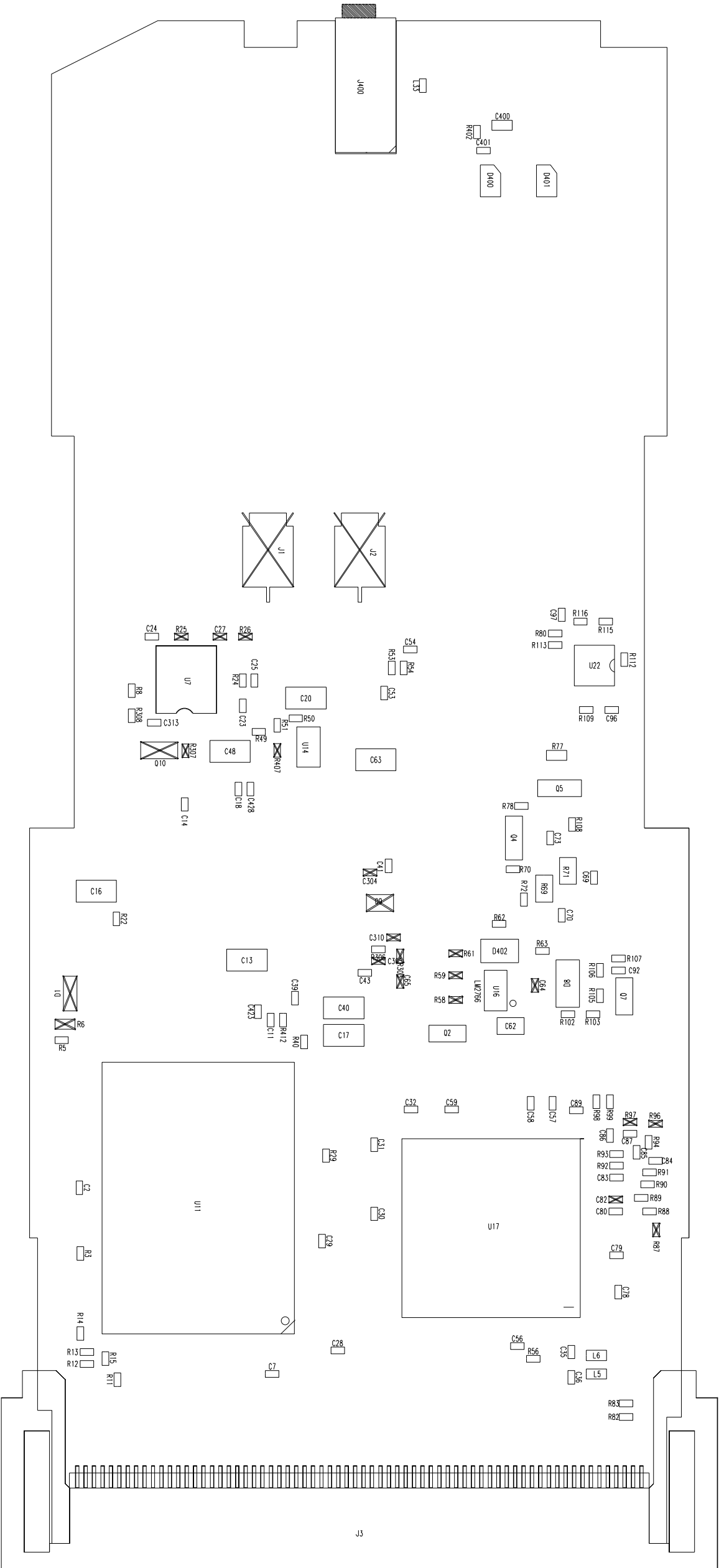
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| AGERE SYSTEMS NEDERLAND B.V.                       |  | 017758 |              |
| UNIT : ORINOCO/IEEE PCMCIA type 2<br>EXTENDED RUBY |  | SCALE: | REV :A       |
| NAME : BOARD ASSY                                  |  |        | SHEET 3 OF 5 |

| ITEM | PART/DWG<br># | REQ'D | NAME AND DESCRIPTION                          | NOTES                                     |
|------|---------------|-------|-----------------------------------------------|-------------------------------------------|
| 67   | 010570        | 2     | LP62S1024, DIC, ELITEMT, LP62S1024            | U4 U10                                    |
| 68   | 010827        | 1     | HERMES, DIC, LUCENT, HERMES                   | U11                                       |
| 69   | 011276        | 2     | IND, IND, BLM11B222, MURATA, BLM11B222        | L5 L6                                     |
| 70   | 013014        | 1     | W4050, AIC, AGERE, W4050                      | U5                                        |
| 71   | 013018        | 1     | OPA337, AIC, BURR-BROWN, OPA337EA             | U22                                       |
| 72   | 015154        | 1     | THESEUS_HS2N, DIC, AGERE, N4080SV2LS          | U17                                       |
| 73   | 015243        | 1     | SST39VF010, DIC, SST, SST39VF010-90-4C-WH     | U9                                        |
| 74   | 015305        | 9     | CAP, CAP, 10uF, MURATA, GRM42_6Y5V106Z10      | C13 C16 C17 C20<br>C40 C48 C61 C63<br>C90 |
| 75   | 016551        | 1     | MBR0520L, DIODE, FAIRCHILD, MBR0520L          | D402                                      |
| 76   | 016552        | 1     | LM2766, AIC, NATIONAL SEMICOM, LM2766M6       | U16                                       |
| 77   | 017132        | 1     | CON_68_POLIG, CONN, FCI, 56459-004            | J3                                        |
| 78   | 017752        | 1     | BOARD_PRINTED                                 |                                           |
| 79   | 017753        | REF   | SCHEMATIC                                     |                                           |
| 80   | 017288        | 2     | BAR81, DIODE, INFINEON, VSO05553              | D2 D6                                     |
| 81   | 017320        | 1     | LFSP20N28B2450B, AIC, MURATA, LFSP20N28B2450B | U23                                       |
| 82   | 017754        | REF   | FILE_GERBER_ASSEMBLY                          |                                           |
| 83   | 017756        | REF   | FILE_PLACEMENT_CENTER                         |                                           |
| 84   | 017437        | 1     | SHIELD_PC_CARD__SH1                           |                                           |
| 85   | 018019        | 1     | SHIELD_PC_CARD__SH2                           |                                           |

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| AGERE SYSTEMS NEDERLAND B.V.                       |  | 017758 |              |
| UNIT : ORINOCO/IEEE PCMCIA type 2<br>EXTENDED RUBY |  | SCALE: | REV :A       |
| NAME : BOARD ASSY                                  |  |        | SHEET 4 OF 5 |



|                                                                                     |         |                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
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| START:                                                                              | FINISH: | UNIT: ORINOCO/IEEE PCMCIA type 2 EXTENDED RUBY                                                                                                                                                                                                                                                                                                                                                                     |  |
| DFTS:                                                                               | CHKR:   | NAME: BOARD ASSY, FRONT                                                                                                                                                                                                                                                                                                                                                                                            |  |
| DESIGNER: Henrie Kerver                                                             |         |                                                                                                                                                                                                                                                                                                                                                                                                                    |  |
| APPD:                                                                               | APPD:   | SHEET 4 OF 5                                                                                                                                                                                                                                                                                                                                                                                                       |  |
| SUPSD BY:                                                                           |         | SCALE:                                                                                                                                                                                                                                                                                                                                                                                                             |  |
| SUPERSEDES:                                                                         |         | CODE: -                                                                                                                                                                                                                                                                                                                                                                                                            |  |
|                                                                                     |         | 017758                                                                                                                                                                                                                                                                                                                                                                                                             |  |



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| DFTS:                    | CHKR:   | NAME: BOARD ASSY, BACK                                         |                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| DESIGNER: Henr'ie Kerver |         |                                                                |                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| APPD:                    | APPD:   | SHEET 5 OF 5                                                   |                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
| SUPSD BY:                | SCALE:  | 017758                                                         |                                                                                                                                                                                                                                                                                                                                                                                                            |  |  |
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