IC-FR4000 REG Unit Parts List

| REFERENCE | DESCRIPT | PARTS | MAKER | VER | QTY | REMARKS |
| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
|  |  | NJM7809FA | JRC |  | 1 |  |
| $102$ | S. IC | NJM7809DL1A | JRC |  | 1 |  |
| IC3 | S. IC | TA78M05F | TOSHIBA |  | 1 |  |
| 164 | S. REG | TA78DL12AF | TOSHIBA |  | 1 |  |
| IC6 | S. IC | TA78L08F | TOSHIBA |  | , |  |
| IC7 | S. IC | TA75S393F | TOSHIBA |  | 1 |  |
| IC9 | S. IC | NJM2107F | JRC |  | 1 |  |
| IC11 | S. IC | TA75S01F | TOSHIBA |  | 1 |  |
| Q1 | FET | 2SJ533 | HITACHI |  | 1 |  |
| Q4 | FET | 2SJ533 | HITACHI |  | 1 |  |
| 05 | S. TRANSI STOR | 2SD1664 ${ }^{\text {a }}$ | ROHM |  | 1 |  |
| 07 | S. TRANSISTOR | DTC144EE | ROHM |  | 1 |  |
| 08 | S. FET | 2SJ553 (S) | HITACHI |  | 1 |  |
| 09 | S. TRANSI STOR | DTC144EE | ROHM |  | 1 |  |
| D2 | S. DIODE | 1 SS355 | ROHM |  | 1 |  |
| D3 | DIODE | DSA3A1 | HITACHI |  | 1 |  |
| D4 | DIODE | FCH30A03L | NIEC |  | 1 |  |
| D6 | DIODE | MA29W B | MEC |  | 1 |  |
| D7 | DIODE | FCH30A03L | NIEC |  | 1 |  |
| D8 | S. ZENER | MA8047 M | MEC |  | 1 |  |
| R3 | S. RESISTOR | 47K ERJ3GE | MACO |  | 1 |  |
| R14 | RESISTOR | 5SG 3.3J | IWAKI |  | 1 |  |
| R16 | S. RESI STOR | 22 ERJ3GE | MACO |  | 1 |  |
| R17 | S. RESI STOR | 22 ERJ3GE | MACO |  | 1 |  |
| R18 | S. RESI STOR | 10K ERJ3GE | MACO |  | 1 |  |
| R19 | S. RESI STOR | 10K ERJ3GE | MACO |  | 1 |  |
| R23 | S. RESI STOR | 12K ERJ3GE | MACO |  | 1 |  |
| R24 | S. RESI STOR | 3. 9K ERJ3GE | MACO |  | 1 |  |
| R27 | S. RESI STOR | 680 ERJ3GE | MACO |  | 1 |  |
| R30 | S. RESI STOR | 1. 2 K ERJ3GE | MACO |  | 1 |  |
| R31 | S. RESI STOR | 10 ERJ3GE | MACO |  | 1 |  |
| R32 | S. RESI STOR | 10K ERJ3GE | MACO |  | 1 |  |
| R33 | S. RESI STOR | 3. 9K ERJ3GE | MACO |  | 1 |  |
| R34 | S. RESI STOR | 10K ERJ3GE | MACO |  | 1 |  |
| R35 | S. RESI STOR | 22 K ERJ3GE | MACO |  | 1 |  |
| R36 | S. RESI STOR | 100K ERJ3GE | MACO |  | 1 |  |
| R37 | S. RESI STOR | 10 ERJ3GE | MACO |  | 1 |  |
| R38 | S. RESI STOR | 10K ERJ3GE | MACO |  | 1 |  |
| R39 | S. RESI STOR | 10K ERJ3GE | MACO |  | 1 |  |
| R40 | S. RESI STOR | 10K ERJ3GE | MACO |  | 1 |  |
| R41 | S. RESI STOR | 33K ERJ3GE | MACO |  | 1 |  |
| R49 | S. RESISTOR | 10 ERJ3GE | MACO |  | 1 |  |

IC-FR4000 REG Unit Parts List

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| R58 | S. RESISTOR | 10K ERJ3GE | MACO |  | 1 |  |
| R59 | S. RESISTOR | 22K ERJ3GE | MACO |  | 1 |  |
| R60 | S. RESISTOR | 1K ERJ3GE | MACO |  | 1 |  |
| R61 | S. RESISTOR | 47K ERJ3GE | MACO |  | 1 |  |
| R62 | S. RESISTOR | 8. 2 ERJITY | MACO |  | 1 |  |
| R64 | S. RESISTOR | 22 ERJ3GE | MACO |  | 1 |  |
| R65 | S. RESISTOR | 4. 7K ERJ3GE | MACO |  | 1 |  |
| R66 | S. RESISTOR | 22K ERJ3GE | MACO |  | 1 |  |
| R67 | S. RESISTOR | 100 ERJ3GE | MACO |  | 1 |  |
| R68 | S. RESISTOR | 100 ERJ3GE | MACO |  | 1 |  |
| 64 | S. CERAMIC | 0. 001 C 1608 B | TDK |  | 1 |  |
| C5 | S. CERAMIC | 0.001 C 1608 B | TDK |  | 1 |  |
| C6 | ELECTROL | 2200 25V LXZ M20 | NIPPON KEMICON |  | 1 |  |
| C7 | ELECTROL | 2200 25V LXZ M20 | NIPPON KEMICON |  | 1 |  |
| 69 | ELECTROL | 2200 25V LXZ M20 | NIPPON KEMICON |  | 1 |  |
| C11 | S. CERAMIC | 0. 001 C1608 B | TDK |  | 1 |  |
| C15 | S. CERAMIC | 0. 001 C 1608 B | TDK |  | 1 |  |
| C17 | S. CERAMIC | 0. 001 C 1608 B | TDK |  | 1 |  |
| C19 | S. CERAMIC | 0. 001 C 1608 B | TDK |  | 1 |  |
| C20 | S. CERAMIC | 0. 001 C 1608 B | TDK |  | 1 |  |
| C22 | S. CERAMIC | 0. 001 C 1608 B | TDK |  | 1 |  |
| C23 | S. CERAMIC | 0.001 C1608 B | TDK |  | 1 |  |
| C24 | S. TANTALUM | 47 16V MSVD2 | NEC |  | 1 |  |
| C25 | S. CERAMIC | 0.001 C1608 B | TDK |  | 1 |  |
| C26 | ELECTROL | 100 25V LXZ F11 | NIPPON KEMICON |  | 1 |  |
| C27 | S. CERAMIC | 0.001 C1608 B | TDK |  | 1 |  |
| C28 | S. ELECTROL | 47 16V EEV-HB D | MACO |  | 1 |  |
| C29 | S. CERAMIC | 0.001 C1608 B | TDK |  | 1 |  |
| C31 | S. CERAMIC | 0.001 C1608 B | TDK |  | 1 |  |
| 633 | S. CERAMIC | 0.01 C1608 25 V B | TDK |  | 1 |  |
| C34 | S. ELECTROL | 22 16V EEV-HB C | MACO |  | 1 |  |
| C35 | S. CERAMIC | 0.01 C1608 25 V B | TDK |  | 1 |  |
| C36 | S. CERAMIC | 0.001 C 1608 B | TDK |  | 1 |  |
| C37 | ELECTROL | 100 25V LXZ F11 | NIPPON KEMICON |  | 1 |  |
| C38 | ELECTROL | 100 25V LXZ F11 | NIPPON KEMICON |  | 1 |  |
| C41 | S. ELECTROL | 22 16V EEV-HB C | MACO |  | 1 |  |
| C42 | S. CERAMIC | 0.01 C 160825 V B | TDK |  | 1 |  |
| 643 | S. CERAMIC | 0.01 C1608 25V B | TDK |  | 1 |  |
| C45 | S. CERAMIC | $0.01 \mathrm{C1608} 25 \mathrm{~V}$ B | TDK |  | 1 |  |
| C47 | ELECTROL | 100 25V LXZ F11 | NIPPON KEMICON |  | 1 |  |
| C48 | S. CERAMIC | 0. 001 C 1608 B | TDK |  | 1 |  |
| C49 | S. ELECTROL | 27 16V EEV-HB C | MACO |  | 1 |  |

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| :---: | :---: | :---: | :---: | :---: | :---: | :---: | :---: |
| C50 | S. CERAMIC | $0.01 \mathrm{Cl608} 25 \mathrm{~V}$ B |  | TDK |  | 1 |  |
| C51 | S. CERAMIC | 0.01 C1608 25V B |  | TDK |  | 1 |  |
| C52 | S. CERAMIC | 1 Cl 160810 V B |  | TDK |  | 1 |  |
| RL2 | RELAY | ACB32101 |  | MATUSITA DENKO |  | 1 |  |
| J13 | S. CONNECTOR | B4B-PH-SM3-TB |  | NICHIATSU |  | 1 |  |
| J14 | S. CONNECTOR | 10FMN-BMTTR-A-TBT |  | NICHIATSU |  | 1 |  |
| $J 16$ | S. CONNECTOR | B2B-PH-SM3-TB |  | NICHIATSU |  | 1 |  |
| J17 | S. CONNECTOR | B2B-PH-SM3-TB |  | NICHIATSU |  | 1 |  |
| J18 | S. CONNECTOR | B2B-PH-SM3-TB |  | NICHIATSU |  | 1 |  |
| F1 | HOLDER | 1 A5600 |  | UNIDUX |  | 1 |  |
| F2 | HOLDER | 1 A5600 |  | UNIDUX |  | 1 |  |
| F3 | FUSE | ATC 20 |  | TOUHOU DENKI |  | 1 |  |
| F4 | HOLDER | 145600 |  | UNIDUX |  | 1 |  |
| F5 | HOLDER | 145600 |  | UNIDUX ${ }^{\text {TOUHOU }}$ |  | 1 |  |
| ${ }_{\text {F1 }}{ }^{6}$ | FUSE | ATC 20 |  | TOUHOU DENKI |  | 1 |  |
| W2 | JUMMPER | ERD25T0 | * | MEC |  | 1 |  |
| W3 | JUMPER | ERD25T0 | * | MEC |  | 1 |  |
| W4 | JUMPER | ERD25T0 | * | MEC |  | 1 |  |
| EP1 | PCB | B-5651D (\#2368-4B) |  |  |  | 1 |  |
| EP2 | S. BEAD | MMZ 1608 Y 102 BT |  | TDK |  | 1 |  |
| EP3 | TERM I TERIL INAL | OT-010 M3 OT-010 M3 |  | $\bigcirc$ OSADA |  | 1 |  |
| EP5 | TERM I NAL | 0T-010 M3 |  | OSADA |  | 1 |  |
| EP6 | TERM INAL | OT-010 M3 |  | OSADA |  | 1 |  |
| EP7 | TERM INAL | OT-010 M3 |  | OSADA |  | 1 |  |
| EP8 | TERM INAL | $0 \mathrm{~T}-010 \mathrm{M3}$ $\mathrm{OT}-010 \mathrm{M3}$ |  | $\bigcirc$ OSADA |  | , |  |
| EP10 | TERM NAL | 0T-010 M3 |  | OSADA |  | 1 |  |

