|  |  |  |
| --- | --- | --- |
| D-SUB-15 | 33DSMT1-E15SNCT | 626-1563-ND |
| RJ45 MIC connector | RJLSE4238101T | RJLSE4238101TCT-ND |
| Mosfet P-ch 2pcs | NTR1P02T1G | NTR1P02T1GOSCT-ND |
| N-Mosfet | 2N7002P,215 | 568-5818-1-ND |
| Attenuators 2pcs | PE4312MLBA-Z  PE4306 | 1046-1098-1-ND  1046-1033-2-ND |
| OP AMP | OPA2677U | OPA2677U-ND |
| TPS62143 5V stab | TPS62143RGTR+++  TPS62130  TPS62140  TLV62130 | 296-39448-1-ND |
| Power line choke | SRF0504-102Y  DLW5BTM102SQ2L | SRF0504-102YCT-ND  490-7743-1-ND |
| PTC 12V 1.5A | MINISMDC150F/12-2 | MINISMDC150F12-2CT-ND |
| PTC 12V 0.1A | 0ZCM0010FF2G | 507-1818-1-ND |
| TVS diode 12V 2pcs | SMAJ12A | SMAJ12ALFCT-ND |
| REG 5V 500mA | UA78M05CDCY | 296-27138-5-ND |
| REG SW 1.2V 1.5A 2 psc | SC189CSKTRT | SC189CSKCT-ND |
| REG SW 3.3V 1.5A | SC189ZSKTRT | SC189ZSKCT-ND |
| LAN PHY | KSZ9031RNXCA-TR | KSZ9031MNXCC-ND |
| LAN Connector | SI-61001-F | 380-1142-ND |
| 122.880 VCO | VG-4513CA  NV7050SG | SER3906CT-ND |
| 10MHz 0.28ppm | 7N-10.000MBP-T | 887-2498-1-ND |
| 25MHz | ASFL1-25.000MHZ-EC-T  FOX924B-25.000 | 300-8254-1-ND  631-1074-1-ND |
| RF-in protect 2pcs | GBLC03(C) |  |
| Ferrite core | BN43-202 | Amidon |
| Ferrite core | BN43-2402 | Amidon |
| Power connector | PJ-040CH  PJ-047BH\* | CP-040CH-ND  CP-047BH-ND\* |
| Power plug | PP3-002C  PP3-002B\* | CP3-1002-ND  CP3-1001-ND\* |
| SMA Jack female 5pcs | 5-1814400-1 | A97593-ND |
| RF transistor 2pcs | PD85004  RD01MUS2 | 497-8291-1-ND |
| 1.8 V ADC power 2pcs | MCP1824T-1802E/OT | MCP1824T-1802E/OTCT-ND |
| 1.8 V FPGA power | MCP1700T-1802E/TT | MCP1700T1802ETTCT-ND |
| 2.5 V FPGA power | MCP1700T-2502E/TT | MCP1700T-2502E/TTCT-ND |
| ADC Low Freq 12 bit | MCP3202-CI/SN | MCP3202-CI/SN-ND |
| Diode array 7pcs | BAT54S,215 | 568-1614-1-ND |
| Memory for FPGA | W25Q64FVSSIG | W25Q64FVSSIG-ND |
| FPGA | EP4CE55F23C8N | 544-2813-ND |
| 2k EEPROM | 25AA02E48T-I/OT | 25AA02E48T-I/OTCT-ND |
| RF transformer 1:4 3pcs | MABAES0061  TC4-1T | 1465-1318-1-ND |
| ADC 16 bit 2pcs | LTC2165CUK#PBF | LTC2165CUK#PBF-ND |
| ADC driver 2pcs | LTC6401IUD-14#PBF | LTC6401IUD-14#PBF-ND |
| 3.3 V LDO power 4pcs | MCP1824T-3302E/OT | MCP1824T-3302E/OTCT-ND |
| 10MHz switch | SN74LVC1G3157DBVR | 296-14908-1-ND |
| DAC 14-bit | AD9744ARUZ | AD9744ARUZ-ND |
| Audio Codec | TLV320AIC23BIPWR | 296-15031-1-ND |
| Op Amp | MCP6001T-I/OT | MCP6001T-I/OTCT-ND |
| AF Amp | TDA2822D013TR | 497-3376-1-ND |
| MCU | PIC16F1827-I/ML | PIC16F1827-I/ML-ND |
| RF shield | BMI-S-201-C | 903-1013-ND |
| Audio conn 3.5mm 3pcs | SJ-3523-SMT-TR | CP-3523SJCT-ND |
| Func button | EVQ-PF106K | P10883S-ND |
| SPK Conn 2x2.54 | 640456-2 | A1921-ND |
| LED green 0603 4pcs | 150060GS75000 | 732-4971-1-ND |
| Schottky diode | SK810L-TP  SSB43L-E3/52T | SK810L-TPMSCT-ND  SSB43L-E3/52TGICT-ND |
| Case | 1455R1601 Hammond |  |
| 4.7 V zenner | BZT52C4V7-13-F | BZT52C4V7-13FDICT-ND |
| \*\*Speaker | CMS-40504N-L152  AS05008MR-4-R +++  AS04508MR-3-R | 102-3846-ND  668-1238-ND  668-1237-ND |
| Lamp 3pcs | CM8097 | CM8097-ND |
| LPF 2pcs | RLP-50+ |  |
| 4-pin OLED Cabel | 110990080 | 1597-1502-ND |

Resistors

|  |  |  |
| --- | --- | --- |
| 340 Ohm 2512 1W | RMCF2512FT340R | RMCF2512FT340RCT-ND |
| 220 Ohm 0603 4pcs | RC0603FR-072K2L | 311-2.20KHRCT-ND |
| 4.7 Ohm 0805 | RC2012F4R7CS | 1276-5171-1-ND |
| 1k 0603 17pcs |  |  |
| 12.1k 0603 | RC0603FR-0712K1L | 311-12.1KHRCT-ND |
| 200 Ohm 0603 5pcs |  |  |
| 10 k 0603 13pcs |  |  |
| Trimmer 10k | SM-31TW103 | SM-31TW103CT-ND |
| 25 Ohm 0603 4pcs | RC0603FR-0724R9L | 311-24.9HRCT-ND |
| 4.7k 0603 3pcs |  |  |
| 130k \* |  |  |
| 680k \* |  |  |
| 100 Ohm 0603 2pcs |  |  |
| 3.3k 0603 |  |  |
| 2k 0603 3pcs | RC0603JR-072KL | 311-2.0KGRCT-ND |
| 18k 0603 |  |  |
| 100k 0603 |  |  |
| 270 2cs |  |  |
| 499 2pcs |  |  |

Capacitors

|  |  |  |
| --- | --- | --- |
| 0.1uF 50V 1206 7pcs | CL31B104KBPWPNE | 1276-6731-1-ND |
| 470uF 16V Polar 8mm 4pcs | UCD1C471MNL1GS | 493-6372-1-ND |
| 470uF 10V Polar 6mm 2pcs | UCM1A471MCL1GS | 493-14524-1-ND |
| 100uF 16V Polar 6mm | UWX1C101MCL1GB | 493-2105-1-ND |
| 100uf 6V tant 3pcs | F930G107MBA | 478-8135-1-ND |
| 10uf 10V 0805 3pcs | CL21A106KPCLQNC | 1276-2402-1-ND |
| 10uf 25V 0805 | CL21A106KAFN3NE | 1276-2890-1-ND |
| 4.7uF 10V 0603 25pcs | CL10A475KP8NNNC | 1276-1044-1-ND |
| 0.1uF 50V 0603 50pcs | CL10B104KB8NNNC | 1276-1000-1-ND |
| 2.2uF 10V 0603 4pcs | CL10B225KP8NNNC | 1276-1134-1-ND |
| 10nf 50V 0603 30pcs | CL10B103KB8NCNC | 1276-1921-1-ND |
| 12pf 50V 0603 2pcs |  |  |
| 1nF 50V 0603 6pcs |  |  |
| 47nF 50V 0603 |  |  |
| 100pF 50V 0603 4pcs | CL10C101JB8NNNC | 1276-1008-1-ND |
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|  |  |  |

Resistor's arrays 1206

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| --- | --- | --- |
| 4.7k 3pcs | EXB-V8V103JV | Y4103CT-ND |
| 220r 4pcs | EXB-V8V221JV | Y4221CT-ND |

RF-filters \*\*\*

|  |  |  |
| --- | --- | --- |
| Ind 100nH | AISC-1008-R10G-T | AISC-1008-R10G-TCT-ND |
| Ind 120 nH | AISC-1008-R12G-T | AISC-1008-R12G-TCT-ND |
| Ind 150 nH | AISC-1008-R15G-T | AISC-1008-R15G-TCT-ND |
| Cap 12p 0603 3pcs | CL10C120FB8NNNC | 1276-2175-1-ND |
| Cap 39p 0603 3pcs | CL10C390FB81PNC | 1276-2280-1-ND |
| Cap 56p 0603 3pcs | CL10C560FB8NNNC | 1276-2312-1-ND |
| Cap 75p 0603 3pcs | CL10C750JB8NNNC | 1276-2335-1-ND |
| Cap 91p 0603 6pcs | CL10C910JB8NCNC | 1276-2351-1-ND |
| Cap 110p 0603 3pcs | CL10C111JB8NNNC | 1276-2174-1-ND |

Inductors

|  |  |  |
| --- | --- | --- |
| Ferrite beads 0603 20pcs | BLM18PG471SN1D | 490-5223-1-ND |
| 1uH 2A power inductor 3pcs | DFE201610R-H-1R0M=P2 | 490-10614-1-ND |
| 2.2uH power inductor | LQM2HPN2R2MG0L | 490-5114-1-ND |
| Ferrite bead 1206 2pcs | BLM31PG601SN1L | 490-1057-1-ND |
| Ferrite bead 1206 2pcs | HI1206N101R-10 | 240-2408-1-ND |
| 100nH ML 0603 | CI160808-R10J | CI160808-R10JCT-ND |