|  |  |  |
| --- | --- | --- |
| ATT IC | F1912NCGI  PE4306  PE4312  PE43711B-Z | 800-2972-ND  1046-1138-1-ND |
| RF-in protect | GBLC03(C) |  |
| 2.5 V FPGA power | MCP1700T-2502E/TT | MCP1700T-2502E/TTCT-ND |
| Memory | M25P16-VMN |  |
| CM choke | SRF0905-501Y | SRF0905-501YCT-ND |
| USB connector | USB-B1HSB6 | ED2983-ND |
| Power USB protect 5V | SMAJ5.0A | SMAJ5.0ALFCT-ND |
| ESD USB protect | USBLC6-2SC6 | 497-5235-1-ND |
| RF Trans. 1:4 | MABAES0061 | 1465-1318-1-ND |
| FPGA | 10CL010YE144C8G | 544-3578-ND |
| 3.3V ADC power IC | MCP1824T-3302E/OT | MCP1824T-3302E/OTCT-ND |
| 3.3V ATT/GEN power IC | MCP1824T-3302E/OT | MCP1824T-3302E/OTCT-ND |
| 3.3V FPGA power | MCP1826S-3302E/DB | MCP1826S-3302E/DB-ND |
| 1.2V FPGA power | MCP1826S-1202E/DB | MCP1826S-1202E/DB-ND |
| RF AMP | AD8099ACPZ-REEL7 | AD8099ACPZ-REEL7CT-ND |
| USB controller | FT232HQ | 768-1102-1-ND |
| Memory IC | 93LC56BT-I/OT | 93LC56BT-I/OTCT-ND |
| 12MHz Oscillator | ECS-3225MV-120-CN-TR | XC2882CT-ND |
| ADC 14 bit 80MHz  ADC 12 bit 80MHz | ADS6143IRHBT  ADS6144IRHBT  ADS6145IRHBT  ADS6123IRHBT  ADS6124IRHBT  ADS6125IRHBT | 296-22021-1-ND  296-22661-1-ND  296-22022-1-ND  296-22702-1-ND  296-22703-1-ND  296-22704-2-ND |
| Clock gen | 5P49V5923B000NLGI | 800-3404-ND |
| 10MHz 2.5ppm | FOX924B-10.000 | 631-1067-1-ND |
| Fuse 1206 1A 6V | 0ZCJ0100FF2E | 507-1806-1-ND |
| Housing | 1455C801 | HM969-ND |
| Edge connector F | 310-13-116-41-001000 | ED7464-16-ND |
| Edge connector M | 350-10-116-00-001000 | ED3864-16-ND |
| Red LED 3mm |  |  |
| Green LED 3mm |  |  |
| SMA connector | 5-1814400-1 | A97593-ND |

Capacitors

|  |  |  |
| --- | --- | --- |
| 0.1u 25V 1206 2pcs |  | 1276-1011-1-ND |
| 0.1u 50V 0603 44pcs |  |  |
| 4.7u 6.3V 0603 9pcs |  |  |
| 10n 50V 0603 3pcs |  |  |
| 1n 50V 0603 3pcs |  |  |
| 100u 6.3V size B | F930J107MBA | 478-8156-1-ND |
| 22p 50V 0603 2pcs |  |  |

Resistors, 0603

|  |  |  |
| --- | --- | --- |
| 10r |  |  |
| 49r 6pcs |  |  |
| 270r 2pcs |  |  |
| 470r |  |  |
| 10k 7pcs |  |  |
| 1k 2pcs |  |  |
| 12k |  |  |
| 2.2k 3pcs |  |  |
| 200r |  |  |

Resistor's arrays

|  |  |  |
| --- | --- | --- |
| 1k | EXB-V8V102JV | Y4102CT-ND |
| 10k | EXB-V8V103JV | Y4103CT-ND |

30 MHz LPF Filter

|  |  |  |
| --- | --- | --- |
| 160p 2pcs | 0603N161J500CT | 1292-1491-1-ND |
| 240p 2pcs | 0603N241J500CT | 1292-1509-1-ND |
| 270nH 3pcs | AISC-1008-R27G-T | AISC-1008-R27G-TCT-ND |

Inductors

|  |  |  |
| --- | --- | --- |
| Ferrite bead 0603 10pcs | BLM18AG102SN1D | 490-1015-1-ND |

Filter board

|  |  |  |
| --- | --- | --- |
| 3.3 V pmic | MCP1824T-3302E/OT | MCP1824T-3302E/OTCT-ND |
| CM choke | ZJYS81R5-2PL25T-G01 | 445-2222-2-ND |
| FET switch 2pcs | SN74CBTLV3251DR | 296-9128-1-ND |
| 0.1u 50V 0603 14pcs |  |  |
| 0.1u 50V 1206 2pcs |  |  |
| 1n 50V 0603 4pcs |  |  |
| 10n 50V 0603 |  |  |
| 4.7u 6.3V 0603 2pcs |  |  |
| 10k 0603 6pcs |  |  |
| 270p 2pcs |  | 1276-2019-1-ND |
| 100p |  | 1276-1008-1-ND |
| 680p |  | 1276-1080-1-ND |
| 220p 2pcs |  | 1276-1145-1-ND |
| 56p |  | 1276-1197-1-ND |
| 470p 2pcs |  | 1276-1094-1-ND |
| 180p |  | 1276-1255-1-ND |
| 330nH 2pcs |  | AISC-1008-R33G-TCT-ND |
| 1uH |  | AISC-1008-1R0G-TCT-ND |
| 2.7uH |  | AISC-1008-2R7G-TCT-ND |
| 1.8uH 3pcs |  | AISC-1008-1R8G-TCT-ND |
| 150nH 2pcs |  | AISC-1008-R15G-TCT-ND |
| 680nH 3pcs |  | AISC-1008-R68G-TCT-ND |
| 3.9uH |  | AISC-1008-3R9G-TCT-ND |