|  |  |  |
| --- | --- | --- |
| ATT IC | PE42641MLBD-Z | 1046-1124-1-ND |
| RF-in protect | GBLC03(C) |  |
| 2.5 V FPGA power | MCP1700T-2502E/TT | MCP1700T-2502E/TTCT-ND |
| Memory | M25P16-VMN6TP | M25P16-VMN6TPCT-ND |
| CM choke | ZJYS81R5-2PL25T-G01 | 445-2222-1-ND |
| USB connector | USB-B1HSB6 | ED2983-ND |
| ESD protect | USBLC6-2SC6 | 497-5235-1-ND |
| RF Trans. 1:4 | MABAES0061  TC4-1T | 1465-1318-1-ND |
| N-ch transistor 2pcs | 2N7002P,215 | 568-5818-1-ND |
| FPGA | 10CL010YE144C8G | 544-3578-ND |
| PMIC 1.2V | MCP1826S-1202E/DB | MCP1826S-1202E/DB-ND |
| PMIC 3.3V | MCP1826S-3302E/DB | MCP1826S-3302E/DB-ND |
| 3.3 V ADC power 2pcs | MCP1824T-3302E/OT | MCP1824T-3302E/OTCT-ND |
| RF AMP | AD8099ACPZ-REEL7 | AD8099ACPZ-REEL7CT-ND |
| USB controller | FT232HQ | 768-1102-1-ND |
| 12MHz Oscillator | ECS-3225MV-120-CN-TR | XC2882CT-ND |
| ADC 14 bit 65MHz  ADC 12 bit 65MHz | ADS6142IRHBT  ADS6143IRHBT  ADS6144IRHBT  ADS6145IRHBT  ADS6122IRHBT  ADS6123IRHBT  ADS6124IRHBT  ADS6125IRHBT | 296-22737-1-ND  296-22021-1-ND  296-22661-1-ND  296-22022-1-ND  296-22701-1-ND  296-22702-1-ND  296-22703-1-ND  296-22704-2-ND |
| Clock gen | 5P49V5923B000NLGI8  5P49V5913 | 800-3416-1-ND |
| 10MHz 2.5ppm | FOX924B-10.000 | 631-1067-1-ND |
| Fuse 0805 0.5A | 0ZCK0050FF2E | 507-1813-1-ND |

Capacitors

|  |  |  |
| --- | --- | --- |
| 0.1u 25V 1206 8pcs |  | 1276-1011-1-ND |
| 0.1u 50V 0603 35pcs |  |  |
| 4.7u 6.3V 0603 7pcs |  |  |
| 10n 50V 0603 |  |  |
| 1n 50V 0603 2pcs |  |  |
| 100u 6.3V size B | F930J107MBA | 478-8156-1-ND |
| 22p 50V 0603 2pcs |  |  |

Resistors

|  |  |  |
| --- | --- | --- |
| 25r 0603 2pcs |  |  |
| 36r |  |  |
| 41.2r 2pcs | RC0603FR-0741R2L | 311-41.2HRCT-ND |
| 10r |  |  |
| 49r 6pcs |  |  |
| 499r |  |  |
| 10k 4pcs |  |  |
| 2.2k 2pcs |  |  |
| 200r |  |  |

Resistor's arrays

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

30 MHz LPF Filter

|  |  |  |
| --- | --- | --- |
| 220p 2pcs |  | 1276-1145-1-ND |
| 300p 3pcs |  | 1276-2261-1-ND |
| 330nH 4pcs | AISC-0603-R33J-T | 535-10484-1-ND |

Inductors

|  |  |  |
| --- | --- | --- |
| Ferrite bead 0603 6pcs | 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 |