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| Номер вывода корпуса | Обозначение вывода корпуса |
| A1 | F\_OUT\_GNSS |
| A2 | ADC\_IN |
| A3 | CGND\_PLL |
| A4 | CVDD\_PLL |
| A5 | TCXO\_GNSS |
| A6 | SC\_VCC\_O |
| A7 | RSV |
| A8 | gnss\_pps |
| A9 | SPI\_nCS[1] |
| A10 | SPI\_MISO |
| A11 | SPI\_MOSI |
| A12 | QSPI\_SCK |
| A13 | QSPI\_nHOLD\_D3 |
| A14 | QSPI\_MISO\_D1 |
| A15 | XTI32 |
| A16 | XTO32 |
| A17 | USB\_DATA[7] |
| A18 | USB\_DATA[5] |
| A19 | USB\_DATA[3] |
| A20 | USB\_DATA[1] |
| B1 | GND\_GNSS\_RFIN |
| B2 | GND\_GNSS\_RFIN |
| B3 | AGND\_PLL |
| B4 | AVDD\_PLL |
| B5 | SC\_PLUG\_I |
| B6 | SC\_RST\_O |
| B7 | RSV |
| B8 | SPI\_nCS[2] |
| B9 | SPI\_nCS[3] |
| B10 | SPI\_nCS[0] |
| B11 | SPI\_SCK |
| B12 | QSPI\_nCS[0] |
| B13 | QSPI\_nWP\_D2 |
| B14 | QSPI\_MOSI\_D0 |
| B15 | WDT |
| B16 | USB\_XTI |
| B17 | USB\_DATA[6] |
| B18 | USB\_DATA[4] |
| B19 | USB\_DATA[2] |
| B20 | USB\_DATA[0] |
| C1 | GNSS\_RF\_IN |
| C2 | GND\_GNSS\_RFIN |
| C3 | AGND\_PPFS |
| C4 | AVDD\_PPFS |
| C5 | SC\_DATA\_IO |
| C6 | SC\_CLK\_O |
| C7 | RSV |
| C8 | SCL |
| C9 | SDA |
| C10 | GPIO[15] |
| C11 | GPIO[14] |
| C12 | QSPI\_nCS[1] |
| C13 | QSPI\_nCS[2] |
| C14 | QSPI\_nCS[3] |
| C15 | CVDD |
| C16 | CVDD |
| C17 | CVDD |
| C18 | CVDD |
| C19 | CVDD |
| C20 | USB\_STP |
| D1 | GND\_GNSS\_RFIN |
| D2 | GND\_GNSS\_RFIN |
| D3 | R10K\_GNSS |
| D4 | gnss\_gpio[7] |
| D5 | gnss\_gpio[6] |
| D6 | gnss\_gpio[5] |
| D7 | gnss\_gpio[4] |
| D8 | nBE[1] |
| D9 | D[0] |
| D10 | D[2] |
| D11 | D[4] |
| D12 | D[6] |
| D13 | D[8] |
| D14 | D[10] |
| D15 | D[12] |
| D16 | D[14] |
| D17 | SCAS |
| D18 | IOVDD |
| D19 | IOVDD |
| D20 | USB\_NXT |
| E1 | AGND\_ESD |
| E2 | AGND\_IREF |
| E3 | AGND\_VR\_ADC |
| E4 | gnss\_gpio[3] |
| E5 | gnss\_gpio[2] |
| E6 | gnss\_gpio[1] |
| E7 | gnss\_gpio[0] |
| E8 | nBE[0] |
| E9 | D[1] |
| E10 | D[3] |
| E11 | D[5] |
| E12 | D[7] |
| E13 | D9] |
| E14 | D[11] |
| E15 | D[13] |
| E16 | D[15] |
| E17 | SRAS |
| E18 | IOVDD |
| E19 | IOVDD |
| E20 | USB\_DIR |
| F1 | AVDD\_LNA |
| F2 | AVDD\_IREF |
| F3 | AVDD\_VR\_ADC |
| F4 | gnss\_spi\_miso |
| F5 | gnss\_spi\_mosi |
| F6 | gnss\_spi\_sclk |
| F7 | nCS[3] |
| F8 | CKE |
| F9 | ACK |
| F10 | BA[1] |
| F11 | BA[0] |
| F12 | A10 |
| F13 | A[14] |
| F14 | A[13] |
| F15 | A[12] |
| F16 | A[11] |
| F17 | nCS[0] |
| F18 | IOVDD |
| F19 | IOVDD |
| F20 | UART\_SIN\_0 |
| G1 | AVDD\_VGA |
| G2 | AGND\_VGA |
| G3 | DGND |
| G4 | gnss\_spi\_scsn0 |
| G5 | gnss\_spi\_scsn1 |
| G6 | gnss\_rst |
| G7 | RSV |
| G8 | RSV |
| G9 | RSV |
| G10 | RSV |
| G11 | RSV |
| G12 | RSV |
| G13 | RSV |
| G14 | RSV |
| G15 | A[10] |
| G16 | A[9] |
| G17 | A[8] |
| G18 | BAT\_PVDD |
| G19 | IOVDD |
| G20 | UART\_SOUT\_0 |
| H1 | CGND\_ADC |
| H2 | CVDD\_ADC |
| H3 | DVDD |
| H4 | modem\_dfe\_data\_dac[0] |
| H5 | modem\_dfe\_data\_dac[1] |
| H6 | RSV |
| H7 | RSV |
| H8 | DGND |
| H9 | DGND |
| H10 | DGND |
| H11 | DGND |
| H12 | DGND |
| H13 | DGND |
| H14 | RSV |
| H15 | A[7] |
| H16 | A[6] |
| H17 | A[5] |
| H18 | CVDD |
| H19 | DGND |
| H20 | UART\_CTS\_0 |
| J1 | DVDD\_IO |
| J2 | DGND\_IO |
| J3 | gnss\_ext\_clk |
| J4 | modem\_dfe\_data\_dac[2] |
| J5 | modem\_dfe\_data\_dac[3] |
| J6 | RSV |
| J7 | RSV |
| J8 | DGND |
| J9 | DGND |
| J10 | DGND |
| J11 | DGND |
| J12 | DGND |
| J13 | DGND |
| J14 | RSV |
| J15 | A[4] |
| J16 | A[3] |
| J17 | A[2] |
| J18 | DGND |
| J19 | DGND |
| J20 | UART\_RTS\_0 |
| K1 | RFFE\_REL |
| K2 | DFE\_REL |
| K3 | RSV |
| K4 | modem\_dfe\_data\_dac[4] |
| K5 | modem\_dfe\_data\_dac[5] |
| K6 | RSV |
| K7 | RSV |
| K8 | DGND |
| K9 | DGND |
| K10 | DGND |
| K11 | DGND |
| K12 | DGND |
| K13 | DGND |
| K14 | RSV |
| K15 | A[1] |
| K16 | A[0] |
| K17 | RSV |
| K18 | UART\_CTS\_1\_CanRxd |
| K19 | CVDD |
| K20 | UART\_SIN\_1 |
| L1 | TDI |
| L2 | nTRST |
| L3 | COREOFFn |
| L4 | modem\_dfe\_data\_dac[6] |
| L5 | modem\_dfe\_data\_dac[7] |
| L6 | RSV |
| L7 | RSV |
| L8 | DGND |
| L9 | DGND |
| L10 | DGND |
| L11 | DGND |
| L12 | DGND |
| L13 | DGND |
| L14 | RSV |
| L15 | nCS[1] |
| L16 | nCS[2] |
| L17 | RSV |
| L18 | UART\_RTS\_1\_CanTxd |
| L19 | CVDD |
| L20 | UART\_SOUT\_1 |
| M1 | TDO |
| M2 | nRST |
| M3 | BOOT |
| M4 | modem\_dfe\_data\_dac[8] |
| M5 | modem\_dfe\_data\_dac[9] |
| M6 | RSV |
| M7 | RSV |
| M8 | DGND |
| M9 | DGND |
| M10 | DGND |
| M11 | DGND |
| M12 | DGND |
| M13 | DGND |
| M14 | RSV |
| M15 | SCLK |
| M16 | nWE |
| M17 | DQM[1] |
| M18 | DGND |
| M19 | DGND |
| M20 | UART\_SIN\_2 |
| N1 | TMS |
| N2 | BAT\_PORn |
| N3 | BOOT\_EN |
| N4 | modem\_dfe\_data\_dac[10] |
| N5 | modem\_dfe\_data\_dac[11] |
| N6 | RSV |
| N7 | RSV |
| N8 | DGND |
| N9 | DGND |
| N10 | DGND |
| N11 | DGND |
| N12 | DGND |
| N13 | DGND |
| N14 | RSV |
| N15 | SWE |
| N16 | nRD |
| N17 | DQM[0] |
| N18 | CVDD |
| N19 | DGND |
| N20 | UART\_SOUT\_2 |
| P1 | TCK |
| P2 | CORE\_PORn |
| P3 | TST\_BAT\_PORn |
| P4 | modem\_spi\_miso |
| P5 | modem\_spi\_mosi |
| P6 | modem\_rst |
| P7 | RSV |
| P8 | RSV |
| P9 | RSV |
| P10 | RSV |
| P11 | RSV |
| P12 | RSV |
| P13 | RSV |
| P14 | RSV |
| P15 | GPIO[11] |
| P16 | GPIO[9] |
| P17 | SD\_DAT0 |
| P18 | BAT\_CVDD |
| P19 | IOVDD |
| P20 | VDD\_PLL |
| R1 | TEST\_MODE |
| R2 | TESTOUT |
| R3 | TST\_CORE\_PORn |
| R4 | modem\_spi\_scsn |
| R5 | modem\_spi\_sclk, |
| R6 | modem\_dfe\_clk |
| R7 | modem\_dfe\_rxframe |
| R8 | modem\_dfe\_data\_adc[11] |
| R9 | modem\_dfe\_data\_adc[9] |
| R10 | modem\_dfe\_data\_adc[7] |
| R11 | modem\_dfe\_data\_adc[5] |
| R12 | modem\_dfe\_data\_adc[3] |
| R13 | modem\_dfe\_data\_adc[1] |
| R14 | SD\_CDET |
| R15 | GPIO[10] |
| R16 | GPIO[8] |
| R17 | SD\_DAT1 |
| R18 | IOVDD |
| R19 | IOVDD |
| R20 | VDD\_PLL |
| T1 | F\_OUT\_MODEM |
| T2 | R10K\_MODEM |
| T3 | modem\_dfe\_clk\_tcxo |
| T4 | CVDD\_MODEM\_PLL |
| T5 | RSV |
| T6 | modem\_dfe\_fbclk |
| T7 | modem\_dfe\_txframe |
| T8 | modem\_dfe\_data\_adc[10] |
| T9 | modem\_dfe\_data\_adc[8] |
| T10 | modem\_dfe\_data\_adc[6] |
| T11 | modem\_dfe\_data\_adc[4] |
| T12 | modem\_dfe\_data\_adc[2] |
| T13 | modem\_dfe\_data\_adc[0] |
| T14 | I2S\_SDI |
| T15 | I2S\_SDO |
| T16 | I2S\_WS |
| T17 | SD\_DAT2 |
| T18 | IOVDD |
| T19 | IOVDD |
| T20 | VDD\_PLL |
| U1 | AVDD\_RX\_LNA |
| U2 | AVDD\_MODEM\_PLL |
| U3 | AVDD\_MODEM\_RF\_RX |
| U4 | CGND\_MODEM\_PLL |
| U5 | RSV |
| U6 | modem\_gpio[3] |
| U7 | modem\_gpio[2] |
| U8 | modem\_gpio[1] |
| U9 | modem\_gpio[0] |
| U10 | GPIO[13] |
| U11 | GPIO[12] |
| U12 | modem\_dfe\_txnrx |
| U13 | modem\_dfe\_ena |
| U14 | I2S\_CLK |
| U15 | SD\_CLK |
| U16 | SD\_CMD |
| U17 | SD\_DAT3\_CD |
| U18 | IOVDD |
| U19 | IOVDD |
| U20 | INT[3] |
| V1 | AGND\_RX\_LNA |
| V2 | AGND\_MODEM\_PLL |
| V3 | AGND\_MODEM\_RF\_RX |
| V4 | DGND\_MODEM |
| V5 | DVDD\_MODEM |
| V6 | CVDD\_MODEM |
| V7 | RSV |
| V8 | CGND\_MODEM |
| V9 | RSV |
| V10 | RSV |
| V11 | RSV |
| V12 | AGND\_MODEM\_RF\_TX |
| V13 | AVDD\_MODEM\_RF\_TX |
| V14 | RSV |
| V15 | CVDD |
| V16 | CVDD |
| V17 | CVDD |
| V18 | CVDD |
| V19 | CVDD |
| V20 | INT[2] |
| W1 | GND\_MODEM\_RF\_IN |
| W2 | GND\_MODEM\_RF\_IN |
| W3 | GND\_MODEM\_RF\_IN |
| W4 | AGND\_MODEM\_BB\_RX |
| W5 | AVDD\_MODEM\_BB\_RX |
| W6 | AVDD\_MODEM\_BB\_TX |
| W7 | RSV |
| W8 | AGND\_MODEM\_BB\_TX |
| W9 | GND\_MODEM\_RF\_OUT |
| W10 | GND\_MODEM\_RF\_OUT |
| W11 | GND\_MODEM\_RF\_OUT |
| W12 | AGND\_TX\_PA |
| W13 | AVDD\_TX\_PA |
| W14 | RSV |
| W15 | GPIO[7] |
| W16 | GPIO[5] |
| W17 | GPIO[3] |
| W18 | GPIO[1] |
| W19 | NMI |
| W20 | INT[1] |
| Y1 | GND\_MODEM\_RF\_IN |
| Y2 | MODEM\_RF\_IN |
| Y3 | GND\_MODEM\_RF\_IN |
| Y4 | AGND\_MODEM\_IF\_RX |
| Y5 | AVDD\_MODEM\_IF\_RX |
| Y6 | AVDD\_MODEM\_IF\_TX |
| Y7 | RSV |
| Y8 | AGND\_MODEM\_IF\_TX |
| Y9 | GND\_MODEM\_RF\_OUT |
| Y10 | MODEM\_RF\_OUT |
| Y11 | GND\_MODEM\_RF\_OUT |
| Y12 | AGND\_TX\_PA |
| Y13 | AVDD\_TX\_PA |
| Y14 | modem\_paen\_rxtx |
| Y15 | GPIO[6] |
| Y16 | GPIO[4] |
| Y17 | GPIO[2] |
| Y18 | GPIO[0] |
| Y19 | XTI |
| Y20 | INT[0] |