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| --- | --- |
| Обозначение вывода корпуса | Обозначение вывода кристалла |
| F\_OUT\_GNSS | FLT\_IN |
| F\_OUT\_GNSS | FLT\_OUT |
| ADC\_IN | Не подключен |
| CGND\_PLL | GND\_VCO |
| CVDD\_PLL | CVDD\_PLL |
| CVDD\_PLL | CVDD\_VCO |
| CVDD\_PLL | VR\_PLL\_OUT |
| TCXO\_GNSS | TCXO |
| SC\_VCC\_O | MODEM\_SC\_VCC\_O |
| RSV |  |
| gnss\_pps | GNSS\_GNSS\_PPS |
| SPI\_nCS[1] | APP\_SSI\_nCS\_1 |
| SPI\_MISO | APP\_SSI\_MISO |
| SPI\_MOSI | APP\_SSI\_MOSI |
| QSPI\_SCK | APP\_QSPI\_SCK |
| QSPI\_nHOLD\_D3 | APP\_QSPI\_nHOLD |
| QSPI\_MISO\_D1 | APP\_QSPI\_MISO |
| XTI32 | APP\_XTI32 |
| XTO32 | APP\_XTO32 |
| USB\_DATA[7] | APP\_USB\_DATA\_7 |
| USB\_DATA[5] | APP\_USB\_DATA\_5 |
| USB\_DATA[3] | APP\_USB\_DATA\_3 |
| USB\_DATA[1] | APP\_USB\_DATA\_1 |
| GND\_GNSS\_RFIN | GND\_LNA |
| GND\_GNSS\_RFIN | GND\_MIX |
| AGND\_PLL | GND\_PLL |
| AGND\_PLL | GND\_CP |
| AGND\_PLL | GND\_VR\_PLL |
| AGND\_PLL | GND\_ESD\_PLL |
| AVDD\_PLL | AVDD\_PLL |
| AVDD\_PLL | AVDD\_CP |
| AVDD\_PLL | AVDD\_VR\_PLL |
| SC\_PLUG\_I | MODEM\_SC\_PLUG\_I |
| SC\_RST\_O | MODEM\_SC\_RST\_O |
| RSV |  |
| SPI\_nCS[2] | APP\_SSI\_nCS\_2 |
| SPI\_nCS[3] | APP\_SSI\_nCS\_3 |
| SPI\_nCS[0] | APP\_SSI\_nCS\_0 |
| SPI\_SCK | APP\_SSI\_SCK |
| QSPI\_nCS[0] | APP\_QSPI\_nCS\_0 |
| QSPI\_nWP\_D2 | APP\_QSPI\_nWP |
| QSPI\_MOSI\_D0 | APP\_QSPI\_MOSI |
| WDT | APP\_WDT |
| USB\_XTI | APP\_USB\_XTI |
| USB\_DATA[6] | APP\_USB\_DATA\_6 |
| USB\_DATA[4] | APP\_USB\_DATA\_4 |
| USB\_DATA[2] | APP\_USB\_DATA\_2 |
| USB\_DATA[0] | APP\_USB\_DATA\_0 |
| GNSS\_RF\_IN | RF\_IN |
| GND\_GNSS\_RFIN | GND\_LNA |
| GND\_GNSS\_RFIN | GND\_MIX |
| AGND\_PPFS | GND\_PPFS |
| AGND\_PPFS | GND\_ESD\_PPFS |
| AVDD\_PPFS | AVDD\_PPFS |
| SC\_DATA\_IO | MODEM\_SC\_DATA\_IO |
| SC\_CLK\_O | MODEM\_SC\_CLK\_O |
| RSV |  |
| SCL | APP\_SCL |
| SDA | APP\_SDA |
| GPIO[15] | APP\_GPIO\_15 |
| GPIO[14] | APP\_GPIO\_14 |
| QSPI\_nCS[1] | APP\_QSPI\_nCS\_1 |
| QSPI\_nCS[2] | APP\_QSPI\_nCS\_2 |
| QSPI\_nCS[3] | APP\_QSPI\_nCS\_3 |
| CVDD | CVDD |
| USB\_STP | APP\_USB\_STP |
| GND\_GNSS\_RFIN | GND\_LNA |
| GND\_GNSS\_RFIN | GND\_MIX |
| R10K\_GNSS | R10K\_1 |
| R10K\_GNSS | R10K\_0 |
| gnss\_gpio[7] | GNSS\_GPIO\_7 |
| gnss\_gpio[7] | GPS\_DAT\_3 |
| gnss\_gpio[6] | GNSS\_GPIO\_6 |
| gnss\_gpio[6] | GPS\_DAT\_2 |
| gnss\_gpio[5] | GNSS\_GPIO\_5 |
| gnss\_gpio[5] | GPS\_DAT\_1 |
| gnss\_gpio[4] | GNSS\_GPIO\_4 |
| gnss\_gpio[4] | GPS\_DAT\_0 |
| nBE[1] | GNSS\_GPMC\_NBE\_1 |
| D[0] | GNSS\_GPMC\_D\_0 |
| D[2] | GNSS\_GPMC\_D\_2 |
| D[4] | GNSS\_GPMC\_D\_4 |
| D[6] | GNSS\_GPMC\_D\_6 |
| D[8] | GNSS\_GPMC\_D\_8 |
| D[10] | GNSS\_GPMC\_D\_10 |
| D[12] | GNSS\_GPMC\_D\_12 |
| D[14] | GNSS\_GPMC\_D\_14 |
| SCAS | GNSS\_GPMC\_SCAS |
| IOVDD | PVDD |
| IOVDD | VDD\_RING |
| USB\_NXT | APP\_USB\_NXT |
| AGND\_ESD | GND\_ESD\_LNA |
| AGND\_IREF | GND\_CREF |
| AGND\_VR\_ADC | GND\_VR\_ADC |
| gnss\_gpio[3] | GNSS\_GPIO\_3 |
| gnss\_gpio[3] | GLO\_DAT\_3 |
| gnss\_gpio[2] | GNSS\_GPIO\_2 |
| gnss\_gpio[2] | GLO\_DAT\_2 |
| gnss\_gpio[1] | GNSS\_GPIO\_1 |
| gnss\_gpio[1] | GLO\_DAT\_1 |
| gnss\_gpio[0] | GNSS\_GPIO\_0 |
| gnss\_gpio[0] | GLO\_DAT\_0 |
| nBE[0] | GNSS\_GPMC\_NBE\_0 |
| D[1] | GNSS\_GPMC\_D\_1 |
| D[3] | GNSS\_GPMC\_D\_3 |
| D[5] | GNSS\_GPMC\_D\_5 |
| D[7] | GNSS\_GPMC\_D\_7 |
| D[9] | GNSS\_GPMC\_D\_9 |
| D[11] | GNSS\_GPMC\_D\_11 |
| D[13] | GNSS\_GPMC\_D\_13 |
| D[15] | GNSS\_GPMC\_D\_15 |
| SRAS | GNSS\_GPMC\_SRAS |
| IOVDD | PVDD |
| IOVDD | VDD\_RING |
| USB\_DIR | APP\_USB\_DIR |
| AVDD\_LNA | AVDD\_LNA |
| AVDD\_LNA | AVDD\_MIX |
| AVDD\_IREF | AVDD\_CREF |
| AVDD\_VR\_ADC | GND\_VR\_ADC |
| gnss\_spi\_miso | GNSS\_GNSS\_SPI\_MISO |
| gnss\_spi\_miso | MISO |
| gnss\_spi\_mosi | GNSS\_GNSS\_SPI\_MOSI |
| gnss\_spi\_mosi | MOSI |
| gnss\_spi\_sclk | GNSS\_GNSS\_SPI\_SCLK |
| gnss\_spi\_sclk | SCLK |
| nCS[3] | GNSS\_GPMC\_NCS\_3 |
| CKE | GNSS\_GPMC\_CKE |
| ACK | GNSS\_GPMC\_ACK |
| BA[1] | GNSS\_GPMC\_BA\_1 |
| BA[0] | GNSS\_GPMC\_BA\_0 |
| A10 | GNSS\_GPMC\_A10 |
| A[14] | GNSS\_GPMC\_A\_14 |
| A[13] | GNSS\_GPMC\_A\_13 |
| A[12] | GNSS\_GPMC\_A\_12 |
| A[11] | GNSS\_GPMC\_A\_11 |
| nCS[0] | GNSS\_GPMC\_NCS\_0 |
| IOVDD | PVDD |
| IOVDD | VDD\_RING |
| UART\_SIN\_0 | APP\_UART\_SIN\_0 |
| AVDD\_VGA | AVDD\_GPS |
| AVDD\_VGA | AVDD\_GLO |
| AGND\_VGA | GND\_VGA\_GPS |
| AGND\_VGA | GND\_VGA\_GLO |
| AGND\_VGA | GND\_ESD\_VGAS |
| DGND | GND\_DIG |
| gnss\_spi\_scsn0 | GNSS\_GNSS\_SPI\_SCSN\_0 |
| gnss\_spi\_scsn0 | SCSN |
| gnss\_spi\_scsn1 | GNSS\_GNSS\_SPI\_SCSN\_1 |
| gnss\_rst | GNSS\_RFFE\_RST |
| gnss\_rst | RSTN |
| RSV |  |
| A[10] | GNSS\_GPMC\_A\_10 |
| A[9] | GNSS\_GPMC\_A\_9 |
| A[8] | GNSS\_GPMC\_A\_8 |
| BAT\_PVDD | BAT\_PVDD |
| IOVDD | PVDD |
| IOVDD | VDD\_RING |
| UART\_SOUT\_0 | APP\_UART\_SOUT\_0 |
| CGND\_ADC | GND\_ADC\_GPS |
| CGND\_ADC | GND\_ADC\_GLO |
| CVDD\_ADC | CVDD\_ADC\_GPS |
| CVDD\_ADC | CVDD\_ADC\_GLO |
| CVDD\_ADC | VR\_ADC\_OUT |
| DVDD | VR\_DIG\_OUT |
| DVDD | DVDD |
| DVDD | DVDD\_IO |
| modem\_dfe\_data\_dac[0] | MODEM\_MODEM\_DFE\_DATA\_TX4 |
| modem\_dfe\_data\_dac[0] | DFE\_DATA\_DAC\_0 |
| modem\_dfe\_data\_dac[1] | MODEM\_MODEM\_DFE\_DATA\_TX5 |
| modem\_dfe\_data\_dac[1] | DFE\_DATA\_DAC\_1 |
| RSV |  |
| DGND | VSS |
| DGND | BAT\_OSC\_AVSS |
| DGND | VSS\_RING |
| RSV |  |
| A[7] | GNSS\_GPMC\_A\_7 |
| A[6] | GNSS\_GPMC\_A\_6 |
| A[5] | GNSS\_GPMC\_A\_5 |
| CVDD | CVDD |
| DGND | BAT\_OSC\_AVSS |
| DGND | VSS\_RING |
| UART\_CTS\_0 | APP\_UART\_CTS\_0 |
| DVDD\_IO | AVDD\_DIG\_IO |
| DVDD\_IO | AVDD\_VR\_DIG |
| DGND\_IO | GND\_ESD\_DIG |
| DGND\_IO | GND\_VR\_DIG |
| gnss\_ext\_clk | CLK\_OUT |
| modem\_dfe\_data\_dac[2] | MODEM\_MODEM\_DFE\_DATA\_TX6 |
| modem\_dfe\_data\_dac[2] | DFE\_DATA\_DAC\_2 |
| modem\_dfe\_data\_dac[3] | MODEM\_MODEM\_DFE\_DATA\_TX7 |
| modem\_dfe\_data\_dac[3] | DFE\_DATA\_DAC\_3 |
| RSV |  |
| DGND | VSS |
| DGND | BAT\_OSC\_AVSS |
| DGND | VSS\_RING |
| RSV |  |
| A[4] | GNSS\_GPMC\_A\_4 |
| A[3] | GNSS\_GPMC\_A\_3 |
| A[2] | GNSS\_GPMC\_A\_2 |
| DGND | VSS |
| DGND | BAT\_OSC\_AVSS |
| DGND | VSS\_RING |
| UART\_RTS\_0 | APP\_UART\_RTS\_0 |
| RFFE\_REL | RFFE\_REL |
| DFE\_REL | MODEM\_DFE\_REL |
| RSV |  |
| modem\_dfe\_data\_dac[4] | MODEM\_MODEM\_DFE\_DATA\_TX8 |
| modem\_dfe\_data\_dac[4] | DFE\_DATA\_DAC\_4 |
| modem\_dfe\_data\_dac[5] | MODEM\_MODEM\_DFE\_DATA\_TX9 |
| modem\_dfe\_data\_dac[5] | DFE\_DATA\_DAC\_5 |
| RSV |  |
| DGND | VSS |
| DGND | BAT\_OSC\_AVSS |
| DGND | VSS\_RING |
| RSV |  |
| A[1] | GNSS\_GPMC\_A\_1 |
| A[0] | GNSS\_GPMC\_A\_0 |
| RSV |  |
| UART\_CTS\_1\_CanRxd | APP\_UART\_CTS\_1 |
| CVDD | CVDD |
| UART\_SIN\_1 | APP\_UART\_SIN\_1 |
| TDI | APP\_TDI |
| nTRST | APP\_TRSTN |
| COREOFFn | APP\_COREOFFn |
| modem\_dfe\_data\_dac[6] | MODEM\_MODEM\_DFE\_DATA\_TX10 |
| modem\_dfe\_data\_dac[6] | DFE\_DATA\_DAC\_6 |
| modem\_dfe\_data\_dac[7] | MODEM\_MODEM\_DFE\_DATA\_TX11 |
| modem\_dfe\_data\_dac[7] | DFE\_DATA\_DAC\_7 |
| RSV |  |
| DGND | VSS |
| DGND | BAT\_OSC\_AVSS |
| DGND | VSS\_RING |
| RSV |  |
| nCS[1] | GNSS\_GPMC\_NCS\_1 |
| nCS[2] | GNSS\_GPMC\_NCS\_2 |
| RSV |  |
| UART\_RTS\_1\_CanTxd | APP\_UART\_RTS\_1 |
| CVDD | CVDD |
| UART\_SOUT\_1 | APP\_UART\_SOUT\_1 |
| TDO | APP\_TDO |
| nRST | APP\_RSTn |
| BOOT | APP\_BOOT |
| modem\_dfe\_data\_dac[8] | MODEM\_MODEM\_DFE\_DATA\_TX12 |
| modem\_dfe\_data\_dac[8] | DFE\_DATA\_DAC\_8 |
| modem\_dfe\_data\_dac[9] | MODEM\_MODEM\_DFE\_DATA\_TX13 |
| modem\_dfe\_data\_dac[9] | DFE\_DATA\_DAC\_9 |
| RSV |  |
| DGND | VSS |
| DGND | BAT\_OSC\_AVSS |
| DGND | VSS\_RING |
| RSV |  |
| SCLK | GNSS\_GPMC\_SCLK |
| nWE | GNSS\_GPMC\_NWE |
| DQM[1] | GNSS\_GPMC\_DQM\_1 |
| DGND | VSS |
| DGND | BAT\_OSC\_AVSS |
| DGND | VSS\_RING |
| UART\_SIN\_2 | APP\_UART\_SIN\_2 |
| TMS | APP\_TMS |
| BAT\_PORn | APP\_BAT\_PORn |
| BOOT\_EN | APP\_BOOT\_EN |
| modem\_dfe\_data\_dac[10] | MODEM\_MODEM\_DFE\_DATA\_TX14 |
| modem\_dfe\_data\_dac[10] | DFE\_DATA\_DAC\_10 |
| modem\_dfe\_data\_dac[11] | MODEM\_MODEM\_DFE\_DATA\_TX15 |
| modem\_dfe\_data\_dac[11] | DFE\_DATA\_DAC\_11 |
| RSV |  |
| DGND | VSS |
| DGND | BAT\_OSC\_AVSS |
| DGND | VSS\_RING |
| RSV |  |
| SWE | GNSS\_GPMC\_SWE |
| nRD | GNSS\_GPMC\_NRD |
| DQM[0] | GNSS\_GPMC\_DQM\_0 |
| CVDD | CVDD |
| DGND | VSS |
| DGND | BAT\_OSC\_AVSS |
| DGND | VSS\_RING |
| UART\_SOUT\_2 | APP\_UART\_SOUT\_2 |
| TCK | APP\_TCK |
| CORE\_PORn |  |
| TST\_BAT\_PORn |  |
| modem\_spi\_miso | MODEM\_MODEM\_SPI\_MISO |
| modem\_spi\_miso | MISO |
| modem\_spi\_mosi | MODEM\_MODEM\_SPI\_MOSI |
| modem\_spi\_mosi | MOSI |
| modem\_rst | MODEM\_RFFE\_RST |
| RSV |  |
| GPIO[11] | APP\_GPIO\_11 |
| GPIO[9] | APP\_GPIO\_9 |
| SD\_DAT0 | APP\_SD\_DAT0 |
| BAT\_CVDD | BAT\_CVDD |
| IOVDD | PVDD |
| IOVDD | VDD\_RING |
| VDD\_PLL | BAT\_OSC\_AVDD |
| TEST\_MODE | APP\_TEST\_MODE |
| TESTOUT | APP\_TESTOUT |
| TST\_CORE\_PORn | APP\_CORE\_PORn |
| modem\_spi\_scsn | MODEM\_MODEM\_SPI\_SCSN |
| modem\_spi\_scsn | SCSn |
| modem\_spi\_sclk, | MODEM\_MODEM\_SPI\_SCLK |
| modem\_spi\_sclk, | SCLK |
| modem\_dfe\_clk | MODEM\_MODEM\_DFE\_CLK |
| modem\_dfe\_clk | DFE\_CLK |
| modem\_dfe\_rxframe | MODEM\_MODEM\_DFE\_DATA\_RX0 |
| modem\_dfe\_rxframe | DFE\_RX\_FRAME |
| modem\_dfe\_data\_adc[11] | MODEM\_MODEM\_DFE\_DATA\_RX15 |
| modem\_dfe\_data\_adc[11] | DFE\_DATA\_ADC\_11 |
| modem\_dfe\_data\_adc[9] | MODEM\_MODEM\_DFE\_DATA\_RX13 |
| modem\_dfe\_data\_adc[9] | DFE\_DATA\_ADC\_9 |
| modem\_dfe\_data\_adc[7] | MODEM\_MODEM\_DFE\_DATA\_RX11 |
| modem\_dfe\_data\_adc[7] | DFE\_DATA\_ADC\_7 |
| modem\_dfe\_data\_adc[5] | MODEM\_MODEM\_DFE\_DATA\_RX9 |
| modem\_dfe\_data\_adc[5] | DFE\_DATA\_ADC\_5 |
| modem\_dfe\_data\_adc[3] | MODEM\_MODEM\_DFE\_DATA\_RX7 |
| modem\_dfe\_data\_adc[3] | DFE\_DATA\_ADC\_3 |
| modem\_dfe\_data\_adc[1] | MODEM\_MODEM\_DFE\_DATA\_RX5 |
| modem\_dfe\_data\_adc[1] | DFE\_DATA\_ADC\_1 |
| SD\_CDET | APP\_SD\_CDET |
| GPIO[10] | APP\_GPIO\_10 |
| GPIO[8] | APP\_GPIO\_8 |
| SD\_DAT1 | APP\_SD\_DAT1 |
| IOVDD | PVDD |
| IOVDD | VDD\_RING |
| VDD\_PLL | BAT\_OSC\_AVDD |
| F\_OUT\_MODEM | FLT\_IN |
| F\_OUT\_MODEM | FLT\_OUT |
| R10K\_MODEM | R10K |
| R10K\_MODEM | R10K\_FB |
| modem\_dfe\_clk\_tcxo | TCXO |
| CVDD\_MODEM\_PLL | CVDD\_PLL |
| CVDD\_MODEM\_PLL | CVDD\_QVCO |
| CVDD\_MODEM\_PLL | VR\_PLL\_OUT |
| RSV |  |
| modem\_dfe\_fbclk | MODEM\_DFE\_FB\_CLK |
| modem\_dfe\_fbclk | DFE\_FBCLK |
| modem\_dfe\_txframe | MODEM\_MODEM\_DFE\_DATA\_TX0 |
| modem\_dfe\_txframe | DFE\_TX\_FRAME |
| modem\_dfe\_data\_adc[10] | MODEM\_MODEM\_DFE\_DATA\_RX14 |
| modem\_dfe\_data\_adc[10] | DFE\_DATA\_ADC\_10 |
| modem\_dfe\_data\_adc[8] | MODEM\_MODEM\_DFE\_DATA\_RX12 |
| modem\_dfe\_data\_adc[8] | DFE\_DATA\_ADC\_8 |
| modem\_dfe\_data\_adc[6] | MODEM\_MODEM\_DFE\_DATA\_RX10 |
| modem\_dfe\_data\_adc[6] | DFE\_DATA\_ADC\_6 |
| modem\_dfe\_data\_adc[4] | MODEM\_MODEM\_DFE\_DATA\_RX8 |
| modem\_dfe\_data\_adc[4] | DFE\_DATA\_ADC\_4 |
| modem\_dfe\_data\_adc[2] | MODEM\_MODEM\_DFE\_DATA\_RX6 |
| modem\_dfe\_data\_adc[2] | DFE\_DATA\_ADC\_2 |
| modem\_dfe\_data\_adc[0] | MODEM\_MODEM\_DFE\_DATA\_RX4 |
| modem\_dfe\_data\_adc[0] | DFE\_DATA\_ADC\_0 |
| I2S\_SDI | APP\_I2S\_SDI0 |
| I2S\_SDO | APP\_I2S\_SDO0 |
| I2S\_WS | APP\_I2S\_WS |
| SD\_DAT2 | APP\_SD\_DAT2 |
| IOVDD | PVDD |
| IOVDD | VDD\_RING |
| VDD\_PLL | BAT\_OSC\_AVDD |
| AVDD\_RX\_LNA | AVDD\_RF |
| AVDD\_MODEM\_PLL | AVDD\_PLL |
| AVDD\_MODEM\_PLL | AVDD\_CP |
| AVDD\_MODEM\_PLL | AVDD\_VR\_PLL |
| AVDD\_MODEM\_RF\_RX | AVDD\_RF |
| CGND\_MODEM\_PLL | GND\_VCO |
| RSV |  |
| modem\_gpio[3] | MODEM\_GPIO\_3 |
| modem\_gpio[2] | MODEM\_GPIO\_2 |
| modem\_gpio[1] | MODEM\_GPIO\_2 |
| modem\_gpio[0] | MODEM\_GPIO\_0 |
| GPIO[13] | APP\_GPIO\_13 |
| GPIO[12] | APP\_GPIO\_12 |
| modem\_dfe\_txnrx | MODEM\_DFE\_TXNRX |
| modem\_dfe\_ena | MODEM\_DFE\_ENA |
| I2S\_CLK | APP\_I2S\_CLK |
| SD\_CLK | APP\_SD\_CLK |
| SD\_CMD | APP\_SD\_CMD |
| SD\_DAT3\_CD | APP\_SD\_DAT3\_CD |
| IOVDD | PVDD |
| IOVDD | VDD\_RING |
| INT[3] | APP\_INT\_3 |
| AGND\_RX\_LNA | GND\_RF |
| AGND\_MODEM\_PLL | GND\_PLL |
| AGND\_MODEM\_PLL | GND\_CP |
| AGND\_MODEM\_PLL | GND\_VR\_PLL |
| AGND\_MODEM\_PLL | GND\_ESD\_PLL |
| AGND\_MODEM\_RF\_RX | GND\_RF |
| AGND\_MODEM\_RF\_RX | GND\_ESD\_RF |
| DGND\_MODEM | GND\_ESD\_DIG |
| DGND\_MODEM | GND\_VR\_DIG |
| DVDD\_MODEM | AVDD\_DIG\_IO |
| DVDD\_MODEM | AVDD\_VR\_DIG |
| DVDD\_MODEM | DVDD\_DIG |
| CVDD\_MODEM | VR\_DIG\_OUT |
| CVDD\_MODEM | DVDD\_IO |
| CVDD\_MODEM | DVDD |
| RSV |  |
| CGND\_MODEM | GND\_DIG |
| RSV |  |
| AGND\_MODEM\_RF\_TX | GND\_TX\_MIX |
| AGND\_MODEM\_RF\_TX | GND\_ESD\_TX\_MIX |
| AVDD\_MODEM\_RF\_TX | AVDD\_TX\_MIX |
| RSV |  |
| CVDD | CVDD |
| INT[2] | APP\_INT\_2 |
| GND\_MODEM\_RF\_IN | GND\_RF |
| AGND\_MODEM\_BB\_RX | GND\_ADC |
| AGND\_MODEM\_BB\_RX | GND\_VR\_ADC |
| AVDD\_MODEM\_BB\_RX | AVDD\_ADC |
| AVDD\_MODEM\_BB\_RX | AVDD\_VR\_ADC |
| AVDD\_MODEM\_BB\_TX | AVDD\_DAC |
| RSV |  |
| AGND\_MODEM\_BB\_TX | GND\_DAC |
| GND\_MODEM\_RF\_OUT | GND\_PA |
| GND\_MODEM\_RF\_OUT | OUTN\_PA |
| AGND\_TX\_PA | GND\_PA |
| AGND\_TX\_PA | GND\_ESD\_PA |
| AVDD\_TX\_PA | AVDD\_PA |
| RSV |  |
| GPIO[7] | APP\_GPIO\_7 |
| GPIO[5] | APP\_GPIO\_5 |
| GPIO[3] | APP\_GPIO\_3 |
| GPIO[1] | APP\_GPIO\_1 |
| NMI | APP\_NMI |
| INT[1] | APP\_INT\_1 |
| GND\_MODEM\_RF\_IN | GND\_RF |
| MODEM\_RF\_IN | RF\_IN |
| GND\_MODEM\_RF\_IN | GND\_RF |
| AGND\_MODEM\_IF\_RX | GND\_IF |
| AGND\_MODEM\_IF\_RX | GND\_ESD\_IF |
| AGND\_MODEM\_IF\_RX | GND\_CREF |
| AGND\_MODEM\_IF\_RX | GND\_ESD\_CREF |
| AVDD\_MODEM\_IF\_RX | AVDD\_IF |
| AVDD\_MODEM\_IF\_RX | AVDD\_CREF |
| AVDD\_MODEM\_IF\_TX | AVDD\_TX\_LPF |
| RSV |  |
| AGND\_MODEM\_IF\_TX | GND\_TX\_LPF |
| AGND\_MODEM\_IF\_TX | GND\_ESD\_TX\_LPF |
| GND\_MODEM\_RF\_OUT | GND\_PA |
| MODEM\_RF\_OUT | OUTP\_PA |
| GND\_MODEM\_RF\_OUT | GND\_PA |
| AGND\_TX\_PA | GND\_PA |
| AGND\_TX\_PA | GND\_ESD\_PA |
| AVDD\_TX\_PA | AVDD\_PA |
| modem\_paen\_rxtx | MODEM\_DFE\_TXNRX |
| GPIO[6] | APP\_GPIO\_6 |
| GPIO[4] | APP\_GPIO\_4 |
| GPIO[2] | APP\_GPIO\_2 |
| GPIO[0] | APP\_GPIO\_0 |
| XTI | APP\_XTI |
| INT[0] | APP\_INT\_0 |
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