| Ref | PIN | Net Name | BGA | Type | PIN MODE 0 | PIN MODE 1 | PIN MODE 2 | PIN MODE 3 | PIN MODE 4 | PIN MODE 5 | PIN MODE 6 | PIN MODE 7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 1 | +5V | | PWR | | | | | | | | |
| | 2 | +5V | | PWR | | | | | | | | |
| | 3 | +5V | | PWR | | | | | | | | |
| | 4 | +5V | | PWR | | | | | | | | |
| | 5 | GND | | GND | | | | | | | | |
| | 6 | GND | | GND | | | | | | | | |
| | 7 | GND | | GND | | | | | | | | |
| | 8 | GND | | GND | | | | | | | | |
| | 9 | NC | | | | | | | | | | |
| | 10 | VRTC | | PWR | | | | | | | | |
| | 11 | NC | | | | | | | | | | |
| | 12 | VDD_3V3B | | PWR | | | | | | | | |
| | 13 | NC | | | | | | | | | | |
| | 14 | NC | | | | | | | | | | |
| | 15 | LCD_DATA0 | R1 | I/O | lcd_data0 | gpmc_a0 | pr1_mii_mt0_clk | ehrpw m2A | | pr1_pru1_pru_r30_0 | pr1_pru1_pru_r31_0 | gpio2_6 |
| | 16 | LCD_DATA1 | R2 | I/O | lcd_data1 | gpmc_a1 | pr1_mii0_txen | ehrpw m2B | | pr1_pru1_pru_r30_1 | pr1_pru1_pru_r31_1 | gpio2_7 |
| | 17 | LCD_DATA2 | R3 | I/O | lcd_data2 | gpmc_a2 | pr1_mii0_txd3 | ehrpw m2_tripzone_input | | pr1_pru1_pru_r30_2 | pr1_pru1_pru_r31_2 | gpio2_8 |
| | 18 | LCD_DATA3 | R4 | I/O | lcd_data3 | gpmc_a3 | pr1_mii0_txd2 | ehrpw m0_synco | | pr1_pru1_pru_r30_3 | pr1_pru1_pru_r31_3 | gpio2_9 |
| | 19 | LCD_DATA4 | T1 | I/O | lcd_data4 | gpmc_a4 | pr1_mii0_txd1 | eQEP2A_in | | pr1_pru1_pru_r30_4 | pr1_pru1_pru_r31_4 | gpio2_10 |
| | 20 | LCD_DATA5 | T2 | I/O | lcd_data5 | gpmc_a5 | pr1_mii0_txd0 | eQEP2B_in | | pr1_pru1_pru_r30_5 | pr1_pru1_pru_r31_5 | gpio2_11 |
| | 21 | LCD_DATA6 | T3 | I/O | lcd_data6 | gpmc_a6 | pr1_edio_data_in6 | eQEP2_index | pr1_edio_data_out6 | pr1_pru1_pru_r30_6 | pr1_pru1_pru_r31_6 | gpio2_12 |
| | 22 | LCD_DATA7 | T4 | I/O | lcd_data7 | gpmc_a7 | pr1_edio_data_in7 | eQEP2_strobe | pr1_edio_data_out7 | pr1_pru1_pru_r30_7 | pr1_pru1_pru_r31_7 | gpio2_13 |
| | 23 | NC | | | | | | | | | | |
| | 24 | NC | | | | | | | | | | |
| | 25 | LCD_DATA8 | U1 | I/O | lcd_data8 | gpmc_a12 | ehrpw m1_tripzone_input | mcasp0_aclkx | uart5_txd | pr1_mii0_rxd3 | uart2_ctsn | gpio2_14 |

| Ref | PIN | Net Name | BGA | Type | PIN MODE 0 | PIN MODE 1 | PIN MODE 2 | PIN MODE 3 | PIN MODE 4 | PIN MODE 5 | PIN MODE 6 | PIN MODE 7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 26 | LCD_DATA9 | U2 | I/O | lcd_data9 | gpmc_a13 | ehrpw m0_synco | mcasp0_fsx | uart5_rxd | pr1_mii0_rxd2 | uart2_rtsn | gpio2_15 |
| | 27 | LCD_DATA10 | U3 | I/O | lcd_data10 | gpmc_a14 | ehrpw m1A | mcasp0_axr0 | | pr1_mii0_rxd1 | uart3_ctsn | gpio2_16 |
| | 28 | LCD_DATA11 | U4 | I/O | lcd_data11 | gpmc_a15 | ehrpw m1B | mcasp0_ahclkr | mcasp0_axr2 | pr1_mii0_rxd0 | uart3_rtsn | gpio2_17 |
| | 29 | LCD_DATA12 | V2 | I/O | lcd_data12 | gpmc_a16 | eQEP1A_in | mcasp0_aclkr | mcasp0_axr2 | pr1_mii0_rxlink | uart4_ctsn | gpio0_8 |
| | 30 | LCD_DATA13 | V3 | I/O | lcd_data13 | gpmc_a17 | eQEP1B_in | mcasp0_fsr | mcasp0_axr3 | pr1_mii0_rxer | uart4_rtsn | gpio0_9 |
| | 31 | LCD_DATA14 | V4 | I/O | lcd_data14 | gpmc_a18 | eQEP1_index | mcasp0_axr1 | uart5_rxd | pr1_mii_mr0_clk | uart5_ctsn | gpio0_10 |
| | 32 | LCD_DATA15 | T5 | I/O | lcd_data15 | gpmc_a19 | eQEP1_strobe | mcasp0_ahclkx | mcasp0_axr3 | pr1_mii0_rxdv | uart5_rtsn | gpio0_11 |
| | 33 | NC | | | | | | | | | | |
| | 34 | NC | | | | | | | | | | |
| | 35 | LCDPCLK | V5 | O | lcd_pclk | gpmc_a10 | pr1_mii0_crs | pr1_edio_data_in4 | pr1_edio_data_out 4 | pr1_pru1_pru_r30_ 10 | pr1_pru1_pru_r31_ 10 | gpio2_24 |
| | 36 | LCDVSYNC | U5 | O | lcd_vsync | gpmc_a8 | gpmc_a1 | pr1_edio_data_in2 | pr1_edio_data_out 2 | pr1_pru1_pru_r30_ 8 | pr1_pru1_pru_r31_ 8 | gpio2_22 |
| | 37 | LCDDE | R6 | O | lcd_ac_bias_en | gpmc_a11 | pr1_mii1_crs | pr1_edio_data_in5 | pr1_edio_data_out 5 | pr1_pru1_pru_r30_ 11 | pr1_pru1_pru_r31_ 11 | gpio2_25 |
| | 38 | LCDVHYNC | R5 | O | lcd_hsync | gpmc_a9 | gpmc_a2 | pr1_edio_data_in3 | pr1_edio_data_out 3 | pr1_pru1_pru_r30_ 9 | pr1_pru1_pru_r31_ 9 | gpio2_23 |
| | 39 | NC | | | | | | | | | | |
| | 40 | NC | | | | | | | | | | |
| | 41 | NC | | | | | | | | | | |
| | 42 | NC | | | | | | | | | | |
| | 43 | MMC2_CLK | V12 | O | gpmc_clk | lcd_memory_clk | gpmc_wait1 | mmc2_clk | pri_mii1_crs | pr1_mdio_mdclk | mcasp0_fsr | gpio2_1 |
| | 44 | MMC2_CMD | T13 | O | gpmc_csn3 | gpmc_a3 | rmii2_crs_dv | mmc2_cmd | pr1_mii0_crs | pr1_mdio_data | EMU4 | gpio2_0 |
| | 45 | MMC2_DAT0 | T12 | I/O | gpmc_ad12 | lcd_data19 | mmc1_dat4 | mmc2_dat0 | eQEP2A_in | pr1_mii0_txd2 | pr1_pru0_pru_r30_ 14 | gpio1_12 |
| | 46 | MMC2_DAT1 | R12 | I/O | gpmc_ad13 | lcd_data18 | mmc1_dat5 | mmc2_dat1 | eQEP2B_in | pr1_mii0_txd1 | pr1_pru0_pru_r30_ 15 | gpio1_13 |
| | 47 | MMC2_DAT2 | V13 | I/O | gpmc_ad14 | lcd_data17 | mmc1_dat6 | mmc2_dat2 | eQEP2_index | pr1_mii0_txd0 | pr1_pru0_pru_r31_ 14 | gpio1_14 |
| | 48 | MMC2_DAT3 | U13 | I/O | gpmc_ad15 | lcd_data16 | mmc1_dat7 | mmc2_dat3 | eQEP2_strobe | pr1_ecap0_ecap_c apin_apw m_o | pr1_pru0_pru_r31_ 15 | gpio1_15 |
| | 49 | USER_BUTTON1 | U10 | O | gpmc_ad8 | lcd_data23 | mmc1_dat0 | mmc2_dat4 | ehrpw m2A | pr1_mii_mt0_clk | | gpio0_22 |
| | 50 | USER_BUTTON2 | T10 | O | gpmc_ad9 | lcd_data22 | mmc1_dat1 | mmc2_dat5 | ehrpw m2B | pr1_mii0_col | | gpio0_23 |

| Ref | PIN | Net Name | BGA | Type | PIN MODE 0 | PIN MODE 1 | PIN MODE 2 | PIN MODE 3 | PIN MODE 4 | PIN MODE 5 | PIN MODE 6 | PIN MODE 7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 51 | GPIO0_26 | T11 | O | gpmc_ad10 | lcd_data21 | mmc1_dat2 | mmc2_dat6 | ehrpw m2_tripzone_input | pr1_mii0_txen | | gpio0_26 |
| | 52 | GPIO0_27 | U12 | O | gpmc_ad11 | lcd_data20 | mmc1_dat3 | mmc2_dat7 | ehrpw m0_synco | pr1_mii0_txd3 | | gpio0_27 |
| | 53 | NC | | | | | | | | | | |
| | 54 | NC | | | | | | | | | | |
| | 55 | MMC1_DAT0 | U7 | I/O | gpmc_ad0 | Mmc1_dat0 | | | | | | Gpio1[0] |
| | 56 | MMC1_DAT1 | V7 | I/O | Gpmc_ad1 | Mmc1_dat1 | | | | | | Gpio1[1] |
| | 57 | MMC1_DAT2 | R8 | I/O | Gpmc_ad2 | Mmc1_dat2 | | | | | | Gpio1[2] |
| | 58 | MMC1_DAT3 | T8 | I/O | Gpmc_ad3 | Mmc1_dat3 | | | | | | Gpio1[3] |
| | 59 | MMC1_DAT4 | U8 | I/O | Gpmc_ad4 | Mmc1_dat4 | | | | | | Gpio1[4] |
| | 60 | MMC1_DAT5 | V8 | I/O | Gpmc_ad5 | Mmc1_dat5 | | | | | | Gpio1[5] |
| | 61 | MMC1_DAT6 | R9 | I/O | Gpmc_ad6 | Mmc1_dat6 | | | | | | Gpio1[6] |
| | 62 | MMC1_DAT7 | T9 | I/O | Gpmc_ad7 | Mmc1_dat7 | | | | | | Gpio1[7] |
| | 63 | NC | | | | | | | | | | |
| | 64 | NC | | | | | | | | | | |
| | 65 | GMII2_TXEN | R13 | O | gpmc_a0 | gmii2_txen | rgmii2_tctl | rmii2_txen | gpmc_a16 | pr1_mii_mt1_clk | ehrpw m1_tripzone_inp | gpio1_16 |
| | 66 | GMII2_RXDV | V14 | O | gpmc_a1 | gmii2_rxdv | rgmii2_rctl | mmc2_dat0 | gpmc_a17 | pr1_mii1_txd3 | ehrpw m0_synco | gpio1_17 |
| | 67 | GMII2_TXD3 | U14 | O | gpmc_a2 | gmii2_txd3 | rgmii2_td3 | mmc2_dat1 | gpmc_a18 | pr1_mii1_txd2 | ehrpw m1A | gpio1_18 |
| | 68 | GMII2_TXD2 | T14 | O | gpmc_a3 | gmii2_txd2 | rgmii2_td2 | mmc2_dat2 | gpmc_a19 | pr1_mii1_txd1 | ehrpw m1B | gpio1_19 |
| | 69 | GMII2_TXD1 | R14 | O | gpmc_a4 | gmii2_txd1 | rgmii2_td1 | rmii2_txd1 | gpmc_a20 | pr1_mii1_txd0 | eQEP1A_in | gpio1_20 |
| | 70 | GMII2_TXD0 | V15 | O | gpmc_a5 | gmii2_txd0 | rgmii2_td0 | rmii2_txd0 | gpmc_a21 | pr1_mii1_rxd3 | eQEP1B_in | gpio1_21 |
| | 71 | NC | | | | | | | | | | |
| | 72 | NC | | | | | | | | | | |
| | 73 | GMII2_TXCLK | U15 | I | gpmc_a6 | gmii2_txclk | rgmii2_tclk | mmc2_dat4 | gpmc_a22 | pr1_mii1_rxd2 | eQEP1_index | gpio1_22 |
| | 74 | GMII2_RXCLK | T15 | I | gpmc_a7 | gmii2_rxclk | rgmii2_rclk | mmc2_dat5 | gpmc_a23 | pr1_mii1_rxd1 | eQEP1_strobe | gpio1_23 |
| | 75 | GMII2_RXD3 | V16 | I | gpmc_a8 | gmii2_rxd3 | rgmii2_rd3 | mmc2_dat6 | gpmc_a24 | pr1_mii1_rxd0 | mcasp0_aclkx | gpio1_24 |

| Ref | PIN | Net Name | BGA | Type | PIN MODE 0 | PIN MODE 1 | PIN MODE 2 | PIN MODE 3 | PIN MODE 4 | PIN MODE 5 | PIN MODE 6 | PIN MODE 7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 76 | GMII2_RXD2 | U16 | I | gpmc_a9 | gmii2_rxd2 | gmii2_rd2 | mmc2_dat7 / rmii2_crs_dv | gpmc_a25 | pr1_mii_mr1_clk | mcasp0_fsx | gpio1_25 |
| | 77 | GMII2_RXD1 | T16 | I | gpmc_a10 | gmii2_rxd1 | rgmii2_rd1 | rmii2_rxd1 | gpmc_a26 | pr1_mii1_rxdv | mcasp0_axr0 | gpio1_26 |
| | 78 | GMII2_RXD0 | V17 | I | gpmc_a11 | gmii2_rxd0 | rgmii2_rd0 | rmii2_rxd0 | gpmc_a27 | pr1_mii1_rxer | mcasp0_axr1 | gpio1_27 |
| | 79 | MDIO_CLK | M18 | I | mdio_clk | timer5 | uart5_txd | uart3_rtsn | mmc0_sdw p | mmc1_clk | mmc2_clk | gpio0_1 |
| | 80 | MDIO_DATA | M17 | I/O | mdio_data | timer6 | uart5_rxd | uart3_ctsn | mmc0_sdcd | mmc1_cmd | mmc2_cmd | gpio0_0 |
| | 81 | NC | | | | | | | | | | |
| | 82 | NC | | | | | | | | | | |
| | 83 | USB1_DP | R17 | DIFF | USB1_DP | | | | | | | |
| | 84 | USB0_DRVVBUS | F16 | O | USB0_DRVVBUS | | | | | | | GPIO0_18 |
| | 85 | USB1_DM | R18 | DIFF | USB1_DM | | | | | | | |
| | 86 | USB0_VBUS | P15 | A | USB0_VBUS | | | | | | | |
| | 87 | NC | | | | | | | | | | |
| | 88 | USB0_ID | P16 | A | USB0_ID | | | | | | | |
| | 89 | USB0_DP | N17 | DIFF | USB0_DP | | | | | | | |
| | 90 | USB0_CE | M15 | A | USB0_CE | | | | | | | |
| | 91 | USB0_DM | N18 | DIFF | USB0_DM | | | | | | | |
| | 92 | USB1_DRV | F15 | O | USB1_DRV | | | | | | | GPIO3_13 |
| | 93 | NC | | | | | | | | | | |
| | 94 | USB1_VBUS | T18 | A | USB1_VBUS | | | | | | | |
| | 95 | | | | | | | | | | | |
| | 96 | USB1_ID | P17 | A | USB1_ID | | | | | | | |
| | 97 | GPMC_OEn_REn | T7 | O | Gpmc_oen_ren | | Timer7 | | | | | Gpio2_3 |
| | 98 | GPMC_BE0n_CLE | T6 | O | Gpmc_be0n_cle | | Timer5 | | | | | Gpio2_5 |
| | 99 | GPMC_ADVn_ALE | R7 | O | Gpmc_advn_ale | | Timer4 | | | | | Gpio2_2 |
| | 100 | GPMC_WEn | U6 | O | Gpmc_wen | | Timer6 | | | | | Gpio2_4 |

| Ref | PIN | Net Name | BGA | Type | PIN MODE 0 | PIN MODE 1 | PIN MODE 2 | PIN MODE 3 | PIN MODE 4 | PIN MODE 5 | PIN MODE 6 | PIN MODE 7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|

| Ref | Con PIN | Net Name | BGA | Type | PIN MODE 0 | PIN MODE 1 | PIN MODE 2 | PIN MODE 3 | PIN MODE 4 | PIN MODE 5 | PIN MODE 6 | PIN MODE 7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 101 | NC | | | | | | | | | | |
| | 102 | NC | | | | | | | | | | |
| | 103 | MMC0_CLK | G17 | O | mmc0_clk | gpmc_a24 | uart3_ctsn | uart2_rxd | dcan1_tx | pr1_pru0_pru_r30_12 | pr1_pru0_pru_r31_12 | gpio2_30 |
| | 104 | MMC0_DAT0 | G16 | I/O | mmc0_dat0 | gpmc_a23 | uart5_rtsn | uart3_txd | uart1_rin | pr1_pru0_pru_r30_11 | pr1_pru0_pru_r31_11 | gpio2_29 |
| | 105 | MMC0_CMD | G18 | O | mmc0_cmd | gpmc_a25 | uart3_rtsn | uart2_txd | dcan1_rx | pr1_pru0_pru_r30_13 | pr1_pru0_pru_r31_13 | gpio2_31 |
| | 106 | MMC0_DAT1 | G15 | I/O | mmc0_dat1 | gpmc_a22 | uart5_ctsn | uart3_rxd | uart1_dtrn | pr1_pru0_pru_r30_10 | pr1_pru0_pru_r31_10 | gpio2_28 |
| | 107 | MCASP0_AHCLKX | A14 | O | mcasp0_ahclkx | eQEP0_strobe | mcasp0_axr3 | mcasp1_axr1 | EMU4 | pr1_pru0_pru_r30_7 | pr1_pru0_pru_r31_7 | gpio3_21 |
| | 108 | MMC0_DAT2 | F18 | I/O | mmc0_dat2 | gpmc_a21 | uart4_rtsn | timer6 | uart1_dsrn | pr1_pru0_pru_r30_9 | pr1_pru0_pru_r31_9 | gpio2_27 |
| | 109 | NC | | | | | | | | | | |
| | 110 | MMC0_DAT3 | F17 | I/O | mmc0_dat3 | gpmc_a20 | uart4_ctsn | timer5 | uart1_dcdn | pr1_pru0_pru_r30_8 | pr1_pru0_pru_r31_8 | gpio2_26 |
| | 111 | NC | | | | | | | | | | |
| | 112 | NC | | | | | | | | | | |
| | 113 | NC | | | | | | | | | | |
| | 114 | UART1_CTS | D18 | O | uart1_ctsn | timer6 | dcan0_tx | I2C2_SDA | spi1_cs0 | pr1_uart0_cts_n | pr1_edc_latch0_in | gpio0_12 |
| | 115 | NC | | | | | | | | | | |
| | 116 | UART1_RTS | D17 | O | uart1_rtsn | timer5 | dcan0_rx | I2C2_SCL | spi1_cs1 | pr1_uart0_rts_n | pr1_edc_latch1_in | gpio0_13 |
| | 117 | UART0_TX | E16 | O | uart0_txd | spi1_cs1 | dcan0_rx | I2C2_SCL | eCAP1_in_PWM1_out | pr1_pru1_pru_r30_15 | pr1_pru1_pru_r31_15 | gpio1_11 |
| | 118 | UART1_TX | D15 | O | uart1_txd | mmc2_sdw p | dcan1_rx | I2C1_SCL | | pr1_uart0_txd | pr1_pru0_pru_r31_16 | gpio0_15 |
| | 119 | UART0_RX | E15 | I | uart0_rxd | spi1_cs0 | dcan0_tx | I2C2_SDA | eCAP2_in_PWM2_out | pr1_pru1_pru_r30_14 | pr1_pru1_pru_r31_14 | gpio1_10 |
| | 120 | UART1_RX | D16 | I | uart1_rxd | mmc1_sdw p | dcan1_tx | I2C1_SDA | | pr1_uart0_rxd | pr1_pru1_pru_r31_16 | gpio0_14 |
| | 121 | NC | | | | | | | | | | |
| | 122 | NC | | | | | | | | | | |
| | 123 | UART2_TX / UART5_RTS | J15 | O | gmii1_rxerr | rmii1_rxerr | spi1_d1 | I2C1_SCL | mcasp1_fsx | uart5_rtsn | uart2_txd | gpio3_2 |
| | 124 | UART3_TX | C18 | O | eCAP0_in_PWM0_out | uart3_txd | spi1_cs1 | pr1_ecap0_ecap_capin_apw m_o | spi1_sclk | mmc0_sdw p | xdma_event_intr2 | gpio0_7 |
| | 125 | UART2_RX / UART5_CTS | H17 | I | gmii1_crs | rmii1_crs_dv | spi1_d0 | I2C1_SDA | mcasp1_aclkx | uart5_ctsn | uart2_rxd | gpio3_1 |

| 126 | UART3_RX | C15 | I | spi0_cs1 | uart3_rxd | eCAP1_in_PWM1_out | mmc0_pow | xdma_event_intr2 | mmc0_sdcd | EMU4 | gpio0_6 |
|---|---|---|---|---|---|---|---|---|---|---|---|
| 127 | NC | | | | | | | | | | |
| 128 | NC | | | | | | | | | | |
| 129 | UART4_TX | E17 | O | uart0_rtsn | uart4_txd | dcan1_rx | I2C1_SCL | spi1_d1 | spi1_cs0 | pr1_edc_sync1_out | gpio1_9 |
| 130 | UART5_TX | H18 | I | rmii1_refclk | xdma_event_intr2 | spi1_cs0 | uart5_txd | mcasp1_axr3 | mmc0_pow | mcasp1_ahclkx | gpio0_29 |
| 131 | UART4_RX | E18 | I | uart0_ctsn | uart4_rxd | dcan1_tx | I2C1_SDA | spi1_d0 | timer7 | pr1_edc_sync0_out | gpio1_8 |
| 132 | UART5_RX | H16 | I | gmii1_col | rmii2_refclk | spi1_sclk | uart5_rxd | mcasp1_axr2 | mmc2_dat3 | mcasp0_axr2 | gpio3_0 |
| 133 | NC | | | | | | | | | | |
| 134 | NC | | | | | | | | | | |
| 135 | I2C0_SCL | C16 | O | I2C0_SCL | timer7 | uart2_rtsn | eCAP1_in_PWM1_out | | | | gpio3_6 |
| 136 | NC | | | | | | | | | | |
| 137 | I2C0_SDA | C17 | I/O | I2C0_SDA | timer4 | uart2_ctsn | eCAP2_in_PWM2_out | | | | gpio3_5 |
| 138 | LEDA | | I | | | | | | | | |
| 139 | SPI0_CS0 | A16 | O | spi0_cs0 | mmc2_sdw p | I2C1_SCL | ehrpw m0_synci | pr1_uart0_txd | pr1_edio_data_in1 | pr1_edio_data_out1 | gpio0_5 |
| 140 | SPI0_SCLK | A17 | O | spi0_sclk | uart2_rxd | I2C2_SDA | ehrpw m0A | pr1_uart0_cts_n | pr1_edio_sof | EMU2 | gpio0_2 |
| 141 | SPI0_D1 | B16 | I/O | spi0_d1 | mmc1_sdw p | I2C1_SDA | ehrpw m0_tripzone_input | pr1_uart0_rxd | pr1_edio_data_in0 | pr1_edio_data_out0 | gpio0_4 |
| 142 | SPI0_D0 | B17 | O | spi0_d0 | uart2_txd | I2C2_SCL | ehrpw m0B | pr1_uart0_rts_n | pr1_edio_latch_in | EMU3 | gpio0_3 |
| 143 | NC | | | | | | | | | | |
| 144 | NC | | | | | | | | | | |
| 145 | MCASP0_ACLKX | A13 | O | mcasp0_aclkx | ehrpw m0A | | spi1_sclk | mmc0_sdcd | pr1_pru0_pru_r30_0 | pr1_pru0_pru_r31_0 | gpio3_14 |
| 146 | MCASP0_AHCLKR | C12 | I/O | mcasp0_ahclkr | ehrpw m0_synci | mcasp0_axr2 | spi1_cs0 | eCAP2_in_PWM2_out | pr1_pru0_pru_r30_3 | pr1_pru0_pru_r31_3 | gpio3_17 |
| 147 | MCASP0_FSX | B13 | O | mcasp0_fsx | ehrpw m0B | | spi1_d0 | mmc1_sdcd | pr1_pru0_pru_r30_1 | pr1_pru0_pru_r31_1 | gpio3_15 |
| 148 | GPIO3_16 | D12 | O | mcasp0_axr0 | ehrpw m0_tripzone_input | | spi1_d1 | mmc2_sdcd | pr1_pru0_pru_r30_2 | pr1_pru0_pru_r31_2 | gpio3_16 |
| 149 | NC | | | | | | | | | | |
| 150 | NC | | | | | | | | | | |

| Ref | PIN | Net Name | BGA | Type | PIN MODE 0 | PIN MODE 1 | PIN MODE 2 | PIN MODE 3 | PIN MODE 4 | PIN MODE 5 | PIN MODE 6 | PIN MODE 7 |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 151 | NC | | | | | | | | | | |
| | 152 | USER_LED1 | B12 | O | mcasp0_aclkr | eQEP0A_in | mcasp0_axr2 | mcasp1_aclkx | mmc0_sdw p | pr1_pru0_pru_r30_4 | pr1_pru0_pru_r31_4 | gpio3_18 |
| | 153 | NC | | | | | | | | | | |
| | 154 | MMC0_CD | C13 | I | mcasp0_fsr | eQEP0B_in | mcasp0_axr3 | mcasp1_fsx | EMU2 | pr1_pru0_pru_r30_5 | pr1_pru0_pru_r31_5 | gpio3_19 |
| | 155 | PWR_BUT | | I | | | | | | | | |
| | 156 | MCASP0_AXR1 | D13 | I/O | mcasp0_axr1 | eQEP0_index | | mcasp1_axr0 | EMU3 | pr1_pru0_pru_r30_6 | pr1_pru0_pru_r31_6 | gpio3_20 |
| | 157 | SYS_RESETN | | | | | | | | | | |
| | 158 | EVENT_INTR0 | A15 | O | xdma_event_intr0 | | timer4 | clkout1 | spi1_cs1 | pr1_pru1_pru_r31_16 | EMU2 | gpio0_19 |
| | 159 | EXTINTn | B18 | I | | | | | | | | |
| | 160 | EVENT_INTR1 | D14 | I | xdma_event_intr1 | | tclkin | clkout2 | timer7 | pr1_pru0_pru_r31_16 | EMU3 | gpio0_20 |
| | 161 | NC | | | | | | | | | | |
| | 162 | NC | | | | | | | | | | |
| | 163 | VDD_ADC | | PWR | | | | | | | | |
| | 164 | GNDA_ADC | | GND | | | | | | | | |
| | 165 | AIN0 | B6 | A | AIN0 | | | | | | | |
| | 166 | AIN1 | C7 | A | AIN1 | | | | | | | |
| | 167 | AIN2 | B7 | A | AIN2 | | | | | | | |
| | 168 | AIN3 | A7 | A | AIN3 | | | | | | | |
| | 169 | AIN4 | C8 | A | AIN4 | | | | | | | |
| | 170 | AIN5 | B8 | A | AIN5 | | | | | | | |
| | 171 | AIN6 | A8 | A | AIN6 | | | | | | | |
| | 172 | AIN7 | C9 | A | AIN7 | | | | | | | |
| | 173 | GNDA_ADC | | GND | | | | | | | | |
| | 174 | GNDA_ADC | | GND | | | | | | | | |
| | 175 | NC | | | | | | | | | | |

| Ref | PIN | Net Name | BGA | Type | PIN MODE 0 | PIN MODE 1 | PIN MODE 2 | PIN MODE 3 | PIN MODE 4 | PIN MODE 5 | PIN MODE 6 | PIN MODE 7 |
|-----|-----|----------|-----|------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|-----------|
| | 176 | NC | | | | | | | | | | |
| | 177 | RGMII1_TRP0 | | DIFF | | | | | | | | |
| | 178 | JTAG_TRSTn | B10 | O | nTRST | | | | | | | |
| | 179 | RGMII1_TRN0 | | DIFF | | | | | | | | |
| | 180 | JTAG_TDI | B11 | I | TDI | | | | | | | |
| | 181 | RGMII1_TRP1 | | DIFF | | | | | | | | |
| | 182 | JTAG_TCK | A12 | I | TCK | | | | | | | |
| | 183 | RGMII1_TRN1 | | DIFF | | | | | | | | |
| | 184 | JTAG_TMS | C11 | O | TMS | | | | | | | |
| | 185 | NC | | | | | | | | | | |
| | 186 | JTAG_TDO | A11 | O | TDO | | | | | | | |
| | 187 | RGMII1_TRP2 | | DIFF | | | | | | | | |
| | 188 | JTAG_EMU0 | C14 | I/O | | | | | | | | |
| | 189 | RGMII1_TRN2 | | DIFF | | | | | | | | |
| | 190 | JTAG_EMU1 | B14 | I/O | | | | | | | | |
| | 191 | RGMII1_TRP3 | | DIFF | | | | | | | | |
| | 192 | LEDK1 | | I | | | | | | | | |
| | 193 | RGMII1_TRN3 | | DIFF | | | | | | | | |
| | 194 | LEDK2 | | I | | | | | | | | |
| | 195 | NC | | | | | | | | | | |
| | 196 | NC | | | | | | | | | | |
| | 197 | RGMII1_ACT | | O | | | | | | | | |
| | 198 | RGMII1_LINK | | O | | | | | | | | |
| | 199 | RGMII1_OPT | | O | | | | | | | | |
| | 200 | NC | | | | | | | | | | |