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| **Pin J1** | **UC3A3 pin** | **GPIO function** | | | |
| **A** | **B** | **C** | **D** |
| **1** | **PA25** | **TWIMS0-TWD** | **TWIMS1-TWALM** | **USART1-DCD** |  |
| **2** | **PA26** | **TWIMS0-TWCK** | **USART2-CTS** | **USART1-DSR** |  |
| **3** | **PX57** | **EBI - ADDR[20]** | **EIC - SCAN[1]** | **USART3 - RXD** |  |
| **4** | **PX58** | **EBI - NCS[0]** | **EIC - SCAN[0]** | **USART3 - TXD** |  |
| **5** | **PB09** | **SPI1 - NPCS[0]** | **SSC - RX\_DATA** | **EBI - NCS[4]** |  |
| **6** | **PB10** | **SPI1 - MOSI** | **SSC - RX\_FRAME\_SYNC** | **EBI - NCS[5]** |  |
| **7** | **PB08** | **SPI1 - MISO** | **SSC - TX\_DATA** | **EIC - SCAN[7]** |  |
| **8** | **PB07** | **SPI1 - SPCK** | **SSC - TX\_CLOCK** | **EIC - SCAN[6]** |  |
| **9** | **GND** | | | | |
| **10** | **VCC\_P3V3** | | | | |

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| **Pin J2** | **UC3A3 pin** | **GPIO function** | | | |
| **A** | **B** | **C** | **D** |
| **1** | **PA21** | **ADC - AD[0]** | **EIC - EXTINT[0]** | **USB - ID** |  |
| **2** | **PA22** | **ADC - AD[1]** | **EIC - EXTINT[1]** | **USB - VBOF** |  |
| **3** | **PA23** | **ADC - AD[2]** | **EIC - EXTINT[2]** | **ABDAC - DATA[1]** |  |
| **4** | **PA24** | **ADC - AD[3]** | **EIC - EXTINT[3]** | **ABDAC - DATAN[1]** |  |
| **5** | **PA20** | **EIC - NMI** | **SSC - RX\_FRAME\_SYNC** | **ADC - AD[4]** |  |
| **6** | **PA19** | **MCI - DATA[8]** | **SPI1 - MISO** | **ADC - AD[5]** |  |
| **7** | **PA18** | **MCI - DATA[9]** | **SPI1 - NPCS[2]** | **ADC - AD[6]** |  |
| **8** | **PA17** | **MCI - DATA[10]** | **SPI1 - NPCS[1]** | **ADC - AD[7]** |  |
| **9** | **GND** | | | | |
| **10** | **VCC\_ANA\_P3V3** | | | | |

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| **Pin J3** | **UC3A3 pin** | **GPIO function** | | | |
| **A** | **B** | **C** | **D** |
| **1** | **PA31** | **MCI - DATA[2]** | **USART2 - RXD** | **DMACA - DMARQ[0]** | **MSI-DATA[2]** |
| **2** | **PA30** | **MCI - DATA[1]** | **USART3 - CLK** | **DMACA - DMAACK[0]** | **MSI-DATA[1]** |
| **3** | **PA29** | **MCI - DATA[0]** | **USART3 - TXD** | **TC0 - CLK0** | **MSI -DATA[0]** |
| **4** | **PA28** | **MCI - CMD[0]** | **SSC - RX\_CLOCK** | **USART3 - CTS** | **MSI - BS** |
| **5** | **PA27** | **MCI - CLK** | **SSC - RX\_DATA** | **USART3 - RTS** | **MSI - SCLK** |
| **6** | **PB00** | **MCI - DATA[3]** | **USART2 - TXD** | **ADC - TRIGGER** | **MSI-DATA[3]** |
| **7** | **PB11** | **USART1 - RXD** | **SSC -TX\_FRAME\_SYNC** | **PM - GCLK[1]** |  |
| **8** | **PX19** | **EBI - ADDR[15]** | **EIC - SCAN[0]** | **TC0 - B2** |  |
| **9** | **GND** | | | | |
| **10** | **VCC\_USB\_VBUS\_P5V0** | | | | |

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| **Pin J4** | **UC3A3 pin** | **GPIO function** | | | |
| **A** | **B** | **C** | **D** |
| **1** | **PA14/PA15** |  |  |  |  |
| **2** | **PA15/PA12** |  |  |  |  |
| **3** | **PA05** | **USART1 - RXD** | **TC1 - CLK0** | **USB - ID** |  |
| **4** | **PA06** | **USART1 - TXD** | **TC1 - CLK1** | **USB - VBOF** |  |
| **5** | **PA07** | **SPI0 - NPCS[3]** | **ABDAC - DATAN[0]** | **USART1 - CLK** |  |
| **6** | **PA10** | **SPI0 - MOSI** | **USB - VBOF** | **TC1 - B0** |  |
| **7** | **PA11** | **SPI0 - MISO** | **USB - ID** | **TC1 - A2** |  |
| **8** | **PA08** | **SPI0 - SPCK** | **ABDAC - DATA[0]** | **TC1 - B1** |  |
| **9** | **GND** | | | | |
| **10** | **VCC\_P3V3** | | | | |