

NU32 Pinout

Function	Name	Board	Name	Function
GND	GND		C4	T5CK/SDI1/C4
3.3V	3.3V		C3	T4CK/C3
SCK2/U6TX/U3RTS/CN8/G6	G6/RTS3		C2	T3CK/C2
SDA4/SDI2/U3RX/CN9/G7	G7/RX3		C1	T2CK/C1
SCL4/SDO2/U3TX/CN10/G8	G8/TX3		E7	PMD7/E7
MCLR	MCLR		E6	PMD6/E6
SS2/U6RX/U3CTS/CN11/G9	G9/CTS3		E5	PMD5/E5
A0	A0		E4	PMD4/E4
INT1/E8	E8		E3	PMD3/E3
INT2/E9	E9		E2	PMD2/E2
VREF-/CVREF-/A9	A9		E1	PMD1/E1
VREF+/CVREF+/A10	A10		E0	PMD0/E0
A1	A1		G15	G15
SCK4/U5TX/U2RTS/F13	F13		G13	G13
SS4/U5RX/U2CTS/F12	F12		G12	G12
SDA4/SDI4/U2RX/CN17/F4	F4		G14	G14
SCL5/SDO4/U2TX/CN18/F5	F5		A7	A7
USBID/F3	F3		A6	A6
SDA3/SDI3/U1RX/F2	F2/RX1		G0	C2RX/PMD8/G0
SCL3/SDO3/U1TX/F8	F8/TX1		G1	C2TX/PMD9/G1
D-/G3	G3		F1	C1TX/PMD10/F1
D+/G2	G2		F0	C1RX/PMD11/F0
SCL2/A2	A2		C14	T1CK/CN0/C14
SDA2/A3	A3		C13/USER	CN1/C13
A4	A4/L1		A15	SDA1/INT3/A15
A5	A5/L2		A14	SCL1/INT3/A14
PGED1/AN0/CN2/B0	B0		D15/RTS1	SCK3/U4TX/U1RTS/CN21/D15
PGEC1/AN1/CN3/B1	B1		D14/CTS1	SS3/U4RX/U1CTS/CN20/D14
AN2/C2IN-/CN4/B2	B2		D13	PMD13/CN19/D13
AN3/C2IN+/CN5/B3	B3		D12	IC5/PMD12/D12
AN4/C1IN-/CN6/B4	B4		D11	IC4/D11
AN5/C1IN+/CN7/B5	B5		D10	SCK1/IC3/D10
PGEC2/AN6/OCFA/B6	B6/PGC		D9	SS1/IC2/D9
PGED2/AN7/B7	B7/PDG		D8	RTCC/IC1/D8
AN8/C1OUT/B8	B8		D7	PMD15/CN16/D7
AN9/C2OUT/B9	B9		D6	PMD14/CN15/D6
AN10/CVREFOUT/B10	B10		D5	CN15/D5
AN11/B11	B11		D4	OC5/CN13/D4
AN12/B12	B12		D3	OC4/D3
AN13/B13	B13		D2	OC3/D2
AN14/B14	B14		D1	OC2/D1
AN15/OCFB/CN12/B15	B15		D0	SDO1/OC1/INT0/D0

5V tolerant pin

Pins in bold should not be used without special attention