



CONNECT TX  
CONNECT RX

USB AB

USB B

ETH (SD)

JTAG

ERASE

MASTER-RESET

CONFIG 5V

Pinout table for ATmega16U2-MCU:

PA0	PA1	PA2	PA3	PA4	PA5	PA6	PA7	PA8	PA9	PA10	PA11	PA12	PA13	PA14	PA15	PA16	PA17	PA18	PA19	PA20	PA21	PA22	PA23	PA24	PA25	PA26	PA27	PA28	PA29
PC0	PC1	PC2	PC3	PC4	PC5	PC6	PC7	PC8	PC9	PC10	PC11	PC12	PC13	PC14	PC15	PC16	PC17	PC18	PC19	PC20	PC21	PC22	PC23	PC24	PC25	PC26	PC27	PC28	PC29
PD0	PD1	PD2	PD3	PD4	PD5	PD6	PD7	PD8	PD9	PD10	PD11	PD12	PD13	PD14	PD15	PD16	PD17	PD18	PD19	PD20	PD21	PD22	PD23	PD24	PD25	PD26	PD27	PD28	PD29
PE0	PE1	PE2	PE3	PE4	PE5	PE6	PE7	PE8	PE9	PE10	PE11	PE12	PE13	PE14	PE15	PE16	PE17	PE18	PE19	PE20	PE21	PE22	PE23	PE24	PE25	PE26	PE27	PE28	PE29
PF0	PF1	PF2	PF3	PF4	PF5	PF6	PF7	PF8	PF9	PF10	PF11	PF12	PF13	PF14	PF15	PF16	PF17	PF18	PF19	PF20	PF21	PF22	PF23	PF24	PF25	PF26	PF27	PF28	PF29
PG0	PG1	PG2	PG3	PG4	PG5	PG6	PG7	PG8	PG9	PG10	PG11	PG12	PG13	PG14	PG15	PG16	PG17	PG18	PG19	PG20	PG21	PG22	PG23	PG24	PG25	PG26	PG27	PG28	PG29
PH0	PH1	PH2	PH3	PH4	PH5	PH6	PH7	PH8	PH9	PH10	PH11	PH12	PH13	PH14	PH15	PH16	PH17	PH18	PH19	PH20	PH21	PH22	PH23	PH24	PH25	PH26	PH27	PH28	PH29
PI0	PI1	PI2	PI3	PI4	PI5	PI6	PI7	PI8	PI9	PI10	PI11	PI12	PI13	PI14	PI15	PI16	PI17	PI18	PI19	PI20	PI21	PI22	PI23	PI24	PI25	PI26	PI27	PI28	PI29
PJ0	PJ1	PJ2	PJ3	PJ4	PJ5	PJ6	PJ7	PJ8	PJ9	PJ10	PJ11	PJ12	PJ13	PJ14	PJ15	PJ16	PJ17	PJ18	PJ19	PJ20	PJ21	PJ22	PJ23	PJ24	PJ25	PJ26	PJ27	PJ28	PJ29
PK0	PK1	PK2	PK3	PK4	PK5	PK6	PK7	PK8	PK9	PK10	PK11	PK12	PK13	PK14	PK15	PK16	PK17	PK18	PK19	PK20	PK21	PK22	PK23	PK24	PK25	PK26	PK27	PK28	PK29
PL0	PL1	PL2	PL3	PL4	PL5	PL6	PL7	PL8	PL9	PL10	PL11	PL12	PL13	PL14	PL15	PL16	PL17	PL18	PL19	PL20	PL21	PL22	PL23	PL24	PL25	PL26	PL27	PL28	PL29
PM0	PM1	PM2	PM3	PM4	PM5	PM6	PM7	PM8	PM9	PM10	PM11	PM12	PM13	PM14	PM15	PM16	PM17	PM18	PM19	PM20	PM21	PM22	PM23	PM24	PM25	PM26	PM27	PM28	PM29
PN0	PN1	PN2	PN3	PN4	PN5	PN6	PN7	PN8	PN9	PN10	PN11	PN12	PN13	PN14	PN15	PN16	PN17	PN18	PN19	PN20	PN21	PN22	PN23	PN24	PN25	PN26	PN27	PN28	PN29
PO0	PO1	PO2	PO3	PO4	PO5	PO6	PO7	PO8	PO9	PO10	PO11	PO12	PO13	PO14	PO15	PO16	PO17	PO18	PO19	PO20	PO21	PO22	PO23	PO24	PO25	PO26	PO27	PO28	PO29
PP0	PP1	PP2	PP3	PP4	PP5	PP6	PP7	PP8	PP9	PP10	PP11	PP12	PP13	PP14	PP15	PP16	PP17	PP18	PP19	PP20	PP21	PP22	PP23	PP24	PP25	PP26	PP27	PP28	PP29
PR0	PR1	PR2	PR3	PR4	PR5	PR6	PR7	PR8	PR9	PR10	PR11	PR12	PR13	PR14	PR15	PR16	PR17	PR18	PR19	PR20	PR21	PR22	PR23	PR24	PR25	PR26	PR27	PR28	PR29
PS0	PS1	PS2	PS3	PS4	PS5	PS6	PS7	PS8	PS9	PS10	PS11	PS12	PS13	PS14	PS15	PS16	PS17	PS18	PS19	PS20	PS21	PS22	PS23	PS24	PS25	PS26	PS27	PS28	PS29
PT0	PT1	PT2	PT3	PT4	PT5	PT6	PT7	PT8	PT9	PT10	PT11	PT12	PT13	PT14	PT15	PT16	PT17	PT18	PT19	PT20	PT21	PT22	PT23	PT24	PT25	PT26	PT27	PT28	PT29
PV0	PV1	PV2	PV3	PV4	PV5	PV6	PV7	PV8	PV9	PV10	PV11	PV12	PV13	PV14	PV15	PV16	PV17	PV18	PV19	PV20	PV21	PV22	PV23	PV24	PV25	PV26	PV27	PV28	PV29
PW0	PW1	PW2	PW3	PW4	PW5	PW6	PW7	PW8	PW9	PW10	PW11	PW12	PW13	PW14	PW15	PW16	PW17	PW18	PW19	PW20	PW21	PW22	PW23	PW24	PW25	PW26	PW27	PW28	PW29
PX0	PX1	PX2	PX3	PX4	PX5	PX6	PX7	PX8	PX9	PX10	PX11	PX12	PX13	PX14	PX15	PX16	PX17	PX18	PX19	PX20	PX21	PX22	PX23	PX24	PX25	PX26	PX27	PX28	PX29
PY0	PY1	PY2	PY3	PY4	PY5	PY6	PY7	PY8	PY9	PY10	PY11	PY12	PY13	PY14	PY15	PY16	PY17	PY18	PY19	PY20	PY21	PY22	PY23	PY24	PY25	PY26	PY27	PY28	PY29
PZ0	PZ1	PZ2	PZ3	PZ4	PZ5	PZ6	PZ7	PZ8	PZ9	PZ10	PZ11	PZ12	PZ13	PZ14	PZ15	PZ16	PZ17	PZ18	PZ19	PZ20	PZ21	PZ22	PZ23	PZ24	PZ25	PZ26	PZ27	PZ28	PZ29

Forces Off the power supply to USB port when the USB port is in HOST mode (board powered from external power supply)

VBUSPO - Vbus Polarity Off  
D: The UOTGVBOF output signal is in its default mode (active high)  
1: The UOTGVBOF output signal is inverted (active low)

PRIMA COSA DA TOGLIERE SE MANCA SPAZIO

PRIMA COSA DA TOGLIERE SE MANCA SPAZIO

RESETE

MASTER-RESET

CONFIG 5V

USB B

CONFIG 5V

CONFIG 5V

CONFIG 5V

CONFIG 5V

POWER

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