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POWER
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ICSP
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IC1
RESET
XTAL2
XTAL1
AREF
AVCC
AGND
UCC
GND
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<MISO>PB4
<MOSI>PB3
<SS>PB2
<OC1>PB1
<ICP>PB0
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3
2

IC2
UCC5I
UCC10
UCC30
USBDM
USBDP
RESET#
OSCI
OSCO
GND1
GND2
GND3
TEST
AGND
TXD
RXD
RTS#
CTS#
DTR#
DSR#
DCD#
RI#
GPIO2
AVCC-NC
GPIO1
GPIO0
UCC3I-NC
GPIO3
SLEEP#
FT232RL
1
5
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11
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12

IC4
MC33269D-5.0
VI
V0
ADJ
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IC5A
LM358D
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IC5B
LM358D
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AREF
GND
SCK
MISO
MOSI
SS

GND

+5V
GND
RESET
UCC30
VIN

+5V
GND

+5V
GND

+5V
GND

+5V
GND

+5V
GND

+5V
GND

+5V
GND