

ARDUINO_FIO			
3V31	3V3/1	2/GND	GND2
GND1	GND/1	AREF	AREF
2	2	2/3V3	3v32
3	3_(*)	RX	RX
4	4	TX	TX
5	5_(*)	DTR	DTR
6	6_(*)	A0	A0
7	7	A1	A1
8	8	A2	A2
9	9_(*)	A3	A3
10	10_ (SS/*)	A4	A4
11	11_ (MOSI/*)	A5	A5
12	12_ (MISO)	A6	A6
13	13_ (SCK)	A7	A7

SH2

ARDUINO_MICRO			
MOSI	MOSI	SCK	SCK
SS	SS	MISO	MISO
1	1_ (TX)	VIN	VIN
0	0_ (RX)	2/GND	GND2
RST1	RESET/1	2/RESET	RST2
GND1	GND/1	5V	5V
2	2_ (SDA)	NC	NC *
3	3_ (SCL/*)	NC	NC *
4	4_ (A6)	A5	A5
5	5_ (*)	A4	A4
6	6_ (A7/*)	A3	A3
7	7	A2	A2
8	8_ (A8)	A1	A1
9	9_ (A9/*)	A0	A0
10	10_ (A10/*)	AREF	AREF
11	11_ (*)	3V3	3V3
12	12_ (A11)	(*)_13	13

SH4

ARDUINO_as_UNO			
2/ (SCL)A5	A5/2		
2/ (SDA)A4	A4/2		
AREF	AREF		
3/GND	GND3		
(SCK)_13	13		
(MISO)_12	12		
(*)_MOSI_11	11		
(*)_10	10		
(*)_9	9		
8	8		
7	7		
(*)_6	6		
(*)_5	5		
4	4		
(*)_3	3		
2	2		
1	1		
(RX)_0	0		

SH1

ARDUINO_MEGA			
2/SCL	21/2		
2/SDA	20/2		
AREF	AREF		
3/GND	GND3		
(*)_13	13		
(*)_12	12		
(*)_11	11		
(*)_10	10		
(*)_9	9		
(*)_8	8		
(*)_7	7		
(*)_6	6		
(*)_5	5		
(*)_4	4		
(*)_3	3		
(*)_2	2		
TX0	1		
RX0	0		
TXD3	14		
RXD3	15		
TXD2	16		
RXD2	17		
TXD1	18		
RXD1	19		
1/SDA	20/1		
1/SCL	21/1		
5V/2	5V/2		
3/5V	5V/3		
PA0	22		
PA1	23		
PA2	24		
PA3	25		
PA4	26		
PA5	27		
PA6	28		
PA7	29		
PC0	37		
PC1	36		
PC2	35		
PC3	34		
PC4	33		
PC5	32		
PC6	31		
PC7	30		

SH7

ARDUINO_MINI			
9V	9V		
GND4	GND4		
RST2	RST2		
5V/3	5V/3		
A3	A3		
A2	A2		
A1	A1		
A0	A0		
(SCK)_13	13		
(MISO)_12	12		
(*)_MOSI_11	11		
(*)_SS_10	10		

SH3

ARDUINO_MINI_PRO			
RAW	RAW		
GND3	GND3		
RST2	RST2		
VCC2	VCC2		
A3	A3		
A2	A2		
A1	A1		
A0	A0		
(SCK)_13	13		
(MISO)_12	12		
(*)_MOSI_11	11		
(*)_SS_10	10		

SH5

ARDUINO_NANO			
1	TX	VIN	VIN
0	RX	2/GND	GND2
RST1	RESET/1	2/RESET	RST2
GND1	GND/1	5V	5V
2	2	A0	A0
3	3_ (*)	A1	A1
4	4	A2	A2
5	5_ (*)	A3	A3
6	6_ (*)	A4	A4
7	7	A5	A5
8	8	A6	A6
9	9_ (*)	A7	A7
10	10_ (SS/*)	AREF	AREF
11	11_ (MISO/*)	3V3	3V3
12	12_ (MOSI)	13_ (SCK)	13

SH6

(*) -> is PWM pin

TX/1 and TX/2 or GND/1 and GND/2 and other "x/nb" as the same in official boards but they are separate there.

Caution! check your board version, pins can be different and must be adjusted in consequence.

Be careful! this library may contain errors

License: GNU-GPL

Library schematic for most popular arduino boards

Be careful! you may need to adjust according to your board version

Author: Jonathan IAPICCO / France

Sheet: /

File: essai.sch

Title: Library SHIELD ARDUINO

Size: A4 Date: 27 nov. 2014

KiCad E.D.A. kicad (2014-09-01 BZR 5110)-product

Rev: 0.1

Id: 1/1