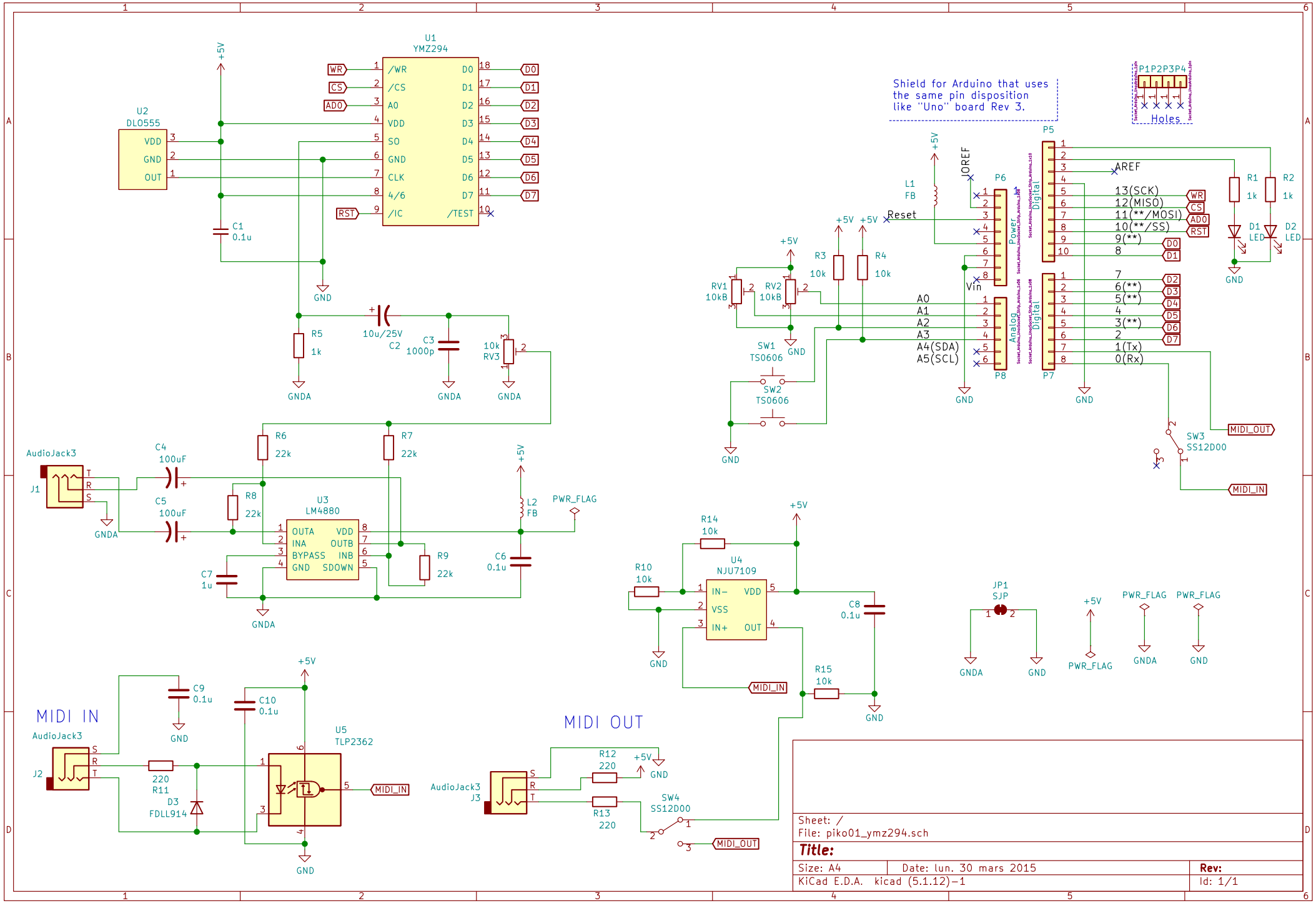
U1
YMZ294
/WR
/CS
A0
VDD
SO
GND
CLK
4/6
/IC
/TEST
D0
D1
D2
D3
D4
D5
D6
D7
WR
CS
AD0
RST
U2
DLO555
VDD
GND
OUT
+5V
C1
0.1u
R5
1k
10u/25V
C2
C3
1000p
10k
RV3
GNDA
AudioJack3
J1
C4
100uF
C5
100uF
R6
22k
R7
22k
R8
22k
U3
LM4880
OUTA
INA
BYPASS
GND
VDD
OUTB
INB
SDOWN
R9
22k
C7
1u
C6
0.1u
L2
FB
PWR_FLAG
MIDI IN
AudioJack3
J2
C9
0.1u
C10
0.1u
220
R11
D3
FDLL914
U5
TLP2362
MIDI_IN
MIDI OUT
AudioJack3
J3
R12
220
R13
220
SW4
SS12D00
MIDI_OUT
R14
10k
R10
10k
U4
NJU7109
IN−
VSS
IN+
VDD
OUT
C8
0.1u
R15
10k
JP1
SJP
Shield for Arduino that uses
the same pin disposition
like "Uno" board Rev 3.
P1P2P3P4
Holes
P5
Digital
AREF
13(SCK)
12(MISO)
11(**/MOSI)
10(**/SS)
9(**)
8
7
6(**)
5(**)
4
3(**)
2
1(Tx)
0(Rx)
R1
1k
R2
1k
D1
LED
D2
LED
P6
Power
IOREF
Reset
Vin
L1
FB
P8
Analog
A0
A1
A2
A3
A4(SDA)
A5(SCL)
P7
RV1
10kB
RV2
10kB
R3
10k
R4
10k
SW1
TS0606
SW2
TS0606
SW3
SS12D00
Sheet: /
File: piko01_ymz294.sch
Title:
Size: A4
Date: lun. 30 mars 2015
Rev:
KiCad E.D.A. kicad (5.1.12)-1
Id: 1/1