Darlington (ULN2803A) or
Level Shifter (SN74LVC245A)
DIR=pin8
3V pin25 pin24 pin23 pin18 pin15 pin11 pin14 pin10 5V
10K Resist for Level Shifter
Darlington (ULN2803A) or
Level Shifter (SN74LVC245A)
DIR=pin8
3V pin25 pin24 pin23 pin18 pin15 pin11 pin14 pin10 5V
10K Resist for Level Shifter
Amp (LM386)
Inr
Ingnd
Inl
Outl
Outr
Outgnd
Arduino DIP (ATMEGA328)
0.1uF Cap
PCA9306
250K Resist
0.1uF Cap
3V pin5 pin6 pin7 pin8 pin9 pin15 pin16
Gnd 5V A5 A4 A3 A2 A1 A0 Aref 5V
Open to 55K pullupmu Resistors
DP - DIP Direct
5V
Darlington Array (ULN2803A)
Darlington Array (ULN2803A)
1MHz Oscillator
Short or 10K Resist
1K Resist
0.1uF Cap
10K Resist
Gnd 5V A5 A4 D0 D1 D2 D3 D4 D5 Gnd 5V D6 D7 D8 D9 D10 D11 D12 D13