10K Resist
for Level Shifter
3V Pi2B Pi2H Pi2G Pi6 Pi8 Pi7 Pi12 Pi20 Pi1B 5V
Pi2B Pi2H Pi2G Pi6 Pi8 Pi7 Pi12 Pi20 Pi1B 5V
-> Darlington (ULN2803A) or
Level Shifter (SN74LVC245A)
DIR=Pi18
10K Resist
for Level Shifter
DIR=Pi18
-> Darlington (ULN2803A) or
Level Shifter (SN74LVC245A)
Amp (LM386)
Inr
Ingnd
Inl
Outl
Outr
Outgnd
0.1uF Cap
Arduino DIP (ATMEGA328)
0.1uF Cap
250K Resist
PCA9306
5V
Pi9
Pi8
Pi7
Pi6
Pi5
Pi4
Pi3
Gnd
Gnd
AS
AH
AG
AF
AE
AD
AREF
5V
DP - DIP3 Direct
5V
Open to 55K pullupmu resistors
Short or 10K Resist
1MHz Oscillator
1K Resist
0.1uF Cap
10K Resist
Darlington Array (ULN2803A)
Darlington Array (ULN2803A)
Gnd 5V AS AH AD AC AE AF 5V Gnd 5V AB AG AD AC AA AB
ASUS