



Dynamic Mic Input
3P_AUDIO
MIDDLE
TOP
GND1

ADC_IN
CON2
1
2

Jumper for AGND and DGND

Connection between DE0

IC1
DB0 VOUT
DB1 VOUT_SNS
DB2 VOUT_SEL
DB3 GND2
DB4 GND
DB5 VCC
DB6 /CS
DB7 /CE

AD558_8BIT_DAC

D/A out Monitor
P1
P2

Headphone Output
SPEAKER_OUT
CON3
1
2

Reset
1
2

IC3
PC6(RESET/PCINT14)
PC0(ADC0/PCINT8)
PC1(ADC1/PCINT9)
PC2(ADC2/PCINT10)
PC3(ADC3/PCINT11)
PC4(ADC4/SDA/PCINT12)
PC5(ADC5/SCL/PCINT13)
PB6(XTAL1/TOSC1/PCINT6)
PB7(XTAL2/TOSC2/PCINT7)
PD0(RXD/PCINT16)
PD1(TXD/PCINT17)
PC20(INT0/PCINT18)
PD3(INT1/OC2B/PCINT19)
PD4(TD/CCK/PCINT20)
PD5(T1/OC3B/PCINT21)
PD6(AIN0/OC9A/PCINT22)
PD7(AIN1/PCINT23)
PB0(ICP1/CLKO/PCINT0)
PB1(OC1A/PCINT1)
PB2(SS/OC1B/PCINT2)
PB3(MOSI/OC2A/PCINT3)
PB4(MSD/PCINT4)
PB5(SCK/PCINT5)

ISP programmer connector
SV2

Run/Prog
SW3
1
2
3

LCD1
A0
RD
/WR
/RES
/CS
GND1
GND2
VDD
D0
D1
D2
D3
D4
D5
D6
D7
BACK_LIGHT+
BACK_LIGHT-
NC1
NC2

GRAPHIC_LCD1
LM6063CFW