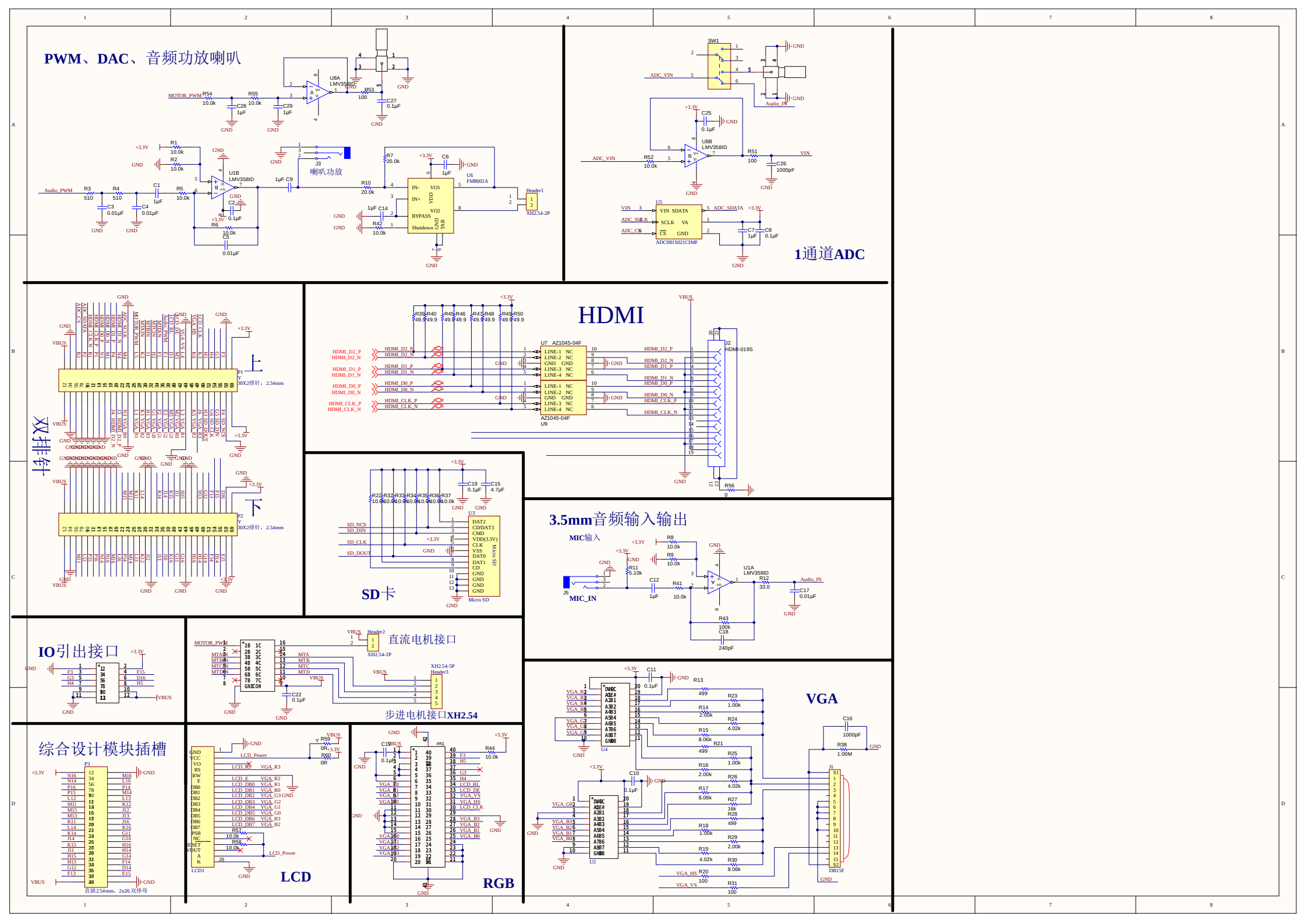
PWM、DAC、音频功放喇叭
U8A LMV358ID
MOTOR_PWM
R54 10.0k
R55 10.0k
C28 1μF
C29 1μF
R53 100
C27 0.1μF
U1B LMV358ID
Audio_PWM
R3 510
R4 510
C1 1μF
R5 10.0k
C3 0.01μF
C4 0.01μF
R1 10.0k
R2 10.0k
C2 0.1μF
R6 10.0k
C5 0.01μF
1μF C9
J3
喇叭功放
R7 20.0k
R10 20.0k
C6 1μF
U6 FM8002A
IN- VO1
IN+ VO2
BYPASS
Shutdown
1μF C14
R42 10.0k
Header1
XH2.54-2P
1通道ADC
SW1
ADC_VIN
Audio_IN
C25 0.1μF
U8B LMV358ID
R52 10.0k
R51 100
C26 1000pF
VIN
U5
VIN SDATA
SCLK VA
CS GND
ADC_SDATA
ADC_SCLK
ADC_CS
ADC081S021CIMF
C7 1μF
C8 0.1μF
双排针
上
下
HDMI
U7 AZ1045-04F
U9 AZ1045-04F
HDMI_D2_P
HDMI_D2_N
HDMI_D1_P
HDMI_D1_N
HDMI_D0_P
HDMI_D0_N
HDMI_CLK_P
HDMI_CLK_N
U2 HDMI-019S
R56 0
SD卡
U3
SD_NCS
SD_DIN
SD_CLK
SD_DOUT
Micro SD
3.5mm音频输入输出
MIC输入
J5
MIC_IN
R8 10.0k
R9 10.0k
R11 5.10k
C12 1μF
R41 10.0k
U1A LMV358ID
R12 33.0
C17 0.01μF
R43 100k
C18 240pF
IO引出接口
直流电机接口
Header2
XH2.54-2P
步进电机接口XH2.54
XH2.54-5P
Header3
VGA
U4
U2
C11 0.1μF
C10 0.1μF
C16 1000pF
R38 1.00M
J1
DB15F
综合设计模块插槽
P3
直插2.54mm，2x20,双排母
LCD
LCD1
LCD_Power
RGB