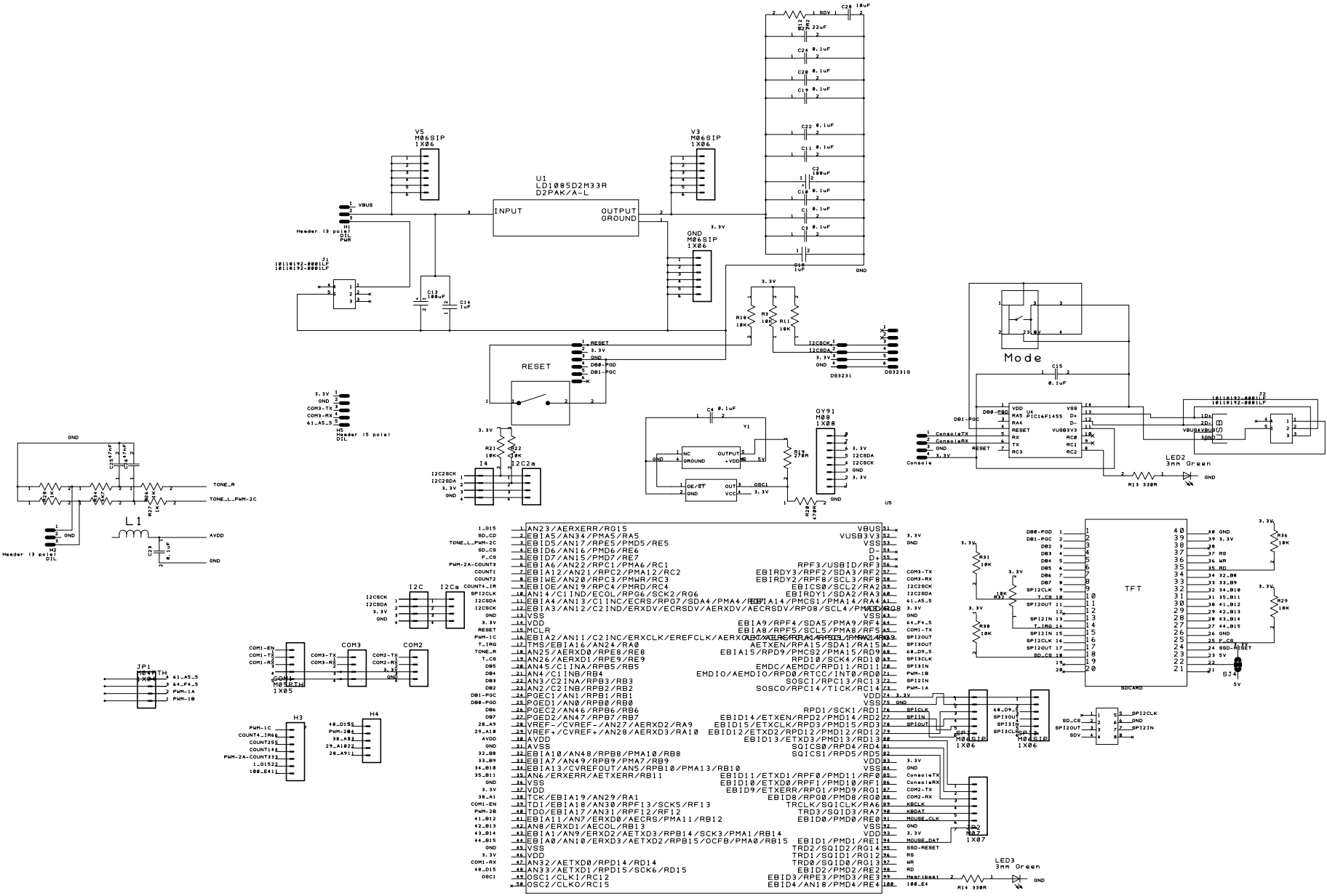
U1
LD1085D2M33R
D2PAK/A-L
INPUT
OUTPUT
GROUND
V5
M06SIP
1X06
V3
M06SIP
1X06
GND
M06SIP
1X06
VBUS
Header (3 pole)
DIL
PWR
H1
J1
10118192-0001LF
10118192-0001LF
C13
100uF
C14
1uF
3.3V
GND
C28 10uF
C24 0.1uF
C28 0.1uF
C19 0.1uF
C22 0.1uF
C11 0.1uF
C2
100uF
C18 0.1uF
C1 0.1uF
C3 0.1uF
C10
1uF
R16
10K
R2
10K
R11
10K
I2C8CK
I2C8DA
DB32318
DB32318
RESET
DB0-P0D
DB1-P0C
Mode
C15
0.1uF
ConsoleTX
ConsoleRX
GND
RESET
3.3V
Console
VDD
RA5
RA4
RESET
RX
TX
RC3
VSS
D+
D-
VUSB3V3
RC0
RC1
RC2
PIC16F1455
U4
LED2
3mm Green
R13 330R
GND
J2
10118192-0001LF
10118192-0001LF
LDx
2D-
VBUS&VBUB
GND
C4 0.1uF
Y1
OUTPUT
+VDD
GROUND
5V
OSC1
3.3V
R12
270R
R28
470R
OE/ST
GND
OUT
VCC
QY1
M08
1X08
3.3V
I2C8CK
I2C8DA
3.3V
GND
US
R21
18K
R22
18K
I4
I2C2a
I2C8CK
I2C8DA
3.3V
GND
HS
Header (5 pole)
DIL
3.3V
GND
COM3-TX
COM3-RX
61_A5_5
C25
47nF
C26
47nF
R28
1K
R24
1K
R27
1K
R26
1K
TONE_R
TONE_L_PWM-2C
GND
L1
AVDD
C23
0.1uF
GND
Header (3 pole)
DIL
H2
I2C
I2Ca
I2C8CK
I2C8DA
3.3V
GND
COM1-EN
COM1-TX
COM1-RX
COM1
M08SIPTH
1X05
COM3
COM3-TX
COM3-RX
3.3V
GND
COM2
COM2-TX
COM2-RX
3.3V
GND
JP1
M08SIPTH
1X08
61_A5_5
64_F4_5
PWM-1A
PWM-1B
H3
PWM-1C
COUNT4_IR64
COUNT255
COUNT144
PWM-2A-COUNT333
1_01522
100_E411
H4
48_D15
PWM-2B
39_A93
29_A1022
28_A911
1_015
SD_CD
TONE_L_PWM-2C
BD_C6
F_C6
PWM-2A-COUNT3
COUNT1
COUNT2
COUNT4_IR
SPI2CLK
I2C8DA
I2C8CK
GND
3.3V
RESET
PWM-1C
T_IRQ
TONE_R
T_C6
DB5
DB4
DB3
DB2
DB1-P0C
DB0-P0D
DB6
DB7
20_A9
29_A18
AVDD
GND
32_B8
33_B9
34_B10
35_B11
GND
3.3V
38_A1
COM1-EN
PWM-2B
41_B12
42_B13
43_B14
44_B15
GND
3.3V
COM1-RX
48_D15
OSC1
1 AN23/AERXERR/RG15
2 EBIA5/AN34/PMA5/RA5
3 EBID5/AN17/RPE5/PMD5/RE5
4 EBID6/AN16/PMD6/RE6
5 EBID7/AN15/PMD7/RE7
6 EBIA6/AN22/RPC1/PMA6/RC1
7 EBIA12/AN21/RPC2/PMA12/RC2
8 EBIWE/AN20/RPC3/PMWR/RC3
9 EBIOE/AN19/RPC4/PMRD/RC4
10 AN14/C1IND/ECOL/RPG6/SCK2/RG6
11 EBIA4/AN13/C1INC/ECRS/RPG7/SDA4/PMA4/RG7
12 EBIA3/AN12/C2IND/ERXDV/ECRSDV/AERXDV/AECRSDV/RPG8/SCL4/PMA3/RG8
13 VSS
14 VDD
15 MCLR
16 EBIA2/AN11/C2INC/ERXCLK/EREFCLK/AERXCLK/AEREFCLK/RPE4/PMA2/RE4
17 TMS/EBIA16/AN24/RA0
18 AN25/AERXD0/RPE8/RE8
19 AN26/AERXD1/RPE9/RE9
20 AN45/C1INA/RPB5/RB5
21 AN4/C1INB/RB4
22 AN3/C2INA/RPB3/RB3
23 AN2/C2INB/RPB2/RB2
24 PGEC1/AN1/RPB1/RB1
25 PGED1/AN0/RPB0/RB0
26 PGEC2/AN46/RPB6/RB6
27 PGED2/AN47/RPB7/RB7
28 VREF-/CVREF-/AN27/AERXD2/RA9
29 VREF+/CVREF+/AN28/AERXD3/RA10
30 AVDD
31 AVSS
32 EBIA10/AN48/RPB8/PMA10/RB8
33 EBIA7/AN49/RPB9/PMA7/RB9
34 EBIA13/CVREFOUT/AN5/RPB10/PMA13/RB10
35 AN6/ERXERR/AETXERR/RB11
36 VSS
37 VDD
38 TCK/EBIA19/AN29/RA1
39 TDI/EBIA18/AN30/RPF13/SCK5/RF13
40 TDO/EBIA17/AN31/RPF12/RF12
41 EBIA11/AN7/ERXD0/AECRS/PMA11/RB12
42 AN8/ERXD1/AECOL/RB13
43 EBIA1/AN9/ERXD2/AETXD3/RPB14/SCK3/PMA1/RB14
44 EBIA0/AN10/ERXD3/AETXD2/RPB15/OCFB/PMA0/RB15
45 VSS
46 VDD
47 AN32/AETXD0/RPD14/RD14
48 AN33/AETXD1/RPD15/SCK6/RD15
49 OSC1/CLK1/RC12
50 OSC2/CLKO/RC15
VBUS 51
VUSB3V3 52
VSS 53
D- 54
D+ 55
RPF3/USBID/RF3 56
EBIRDY3/RPF2/SDA3/RF2 57
EBIRDY2/RPF8/SCL3/RF8 58
EBICS0/SCL2/RA2 59
EBIRDY1/SDA2/RA3 60
EBIA14/PMCS1/PMA14/RA4 61
EBIA15/PMCS2/PMA15/RD8 62
VSS 63
EBIA9/RPF4/SDA5/PMA9/RF4 64
EBIA8/RPF5/SCL5/PMA8/RF5 65
AETXEN/RPA15/SDA1/RA15 67
EBIA15/RPD9/PMCS2/PMA15/RD9 68
RPD10/SCK4/RD10 69
EMDC/AEMDC/RPD11/RD11 70
EMDIO/AEMDIO/RPD0/RTCC/INT0/RD0 71
SOSCI/RPC13/RC13 72
SOSCO/RPC14/T1CK/RC14 73
VDD 74
VSS 75
RPD1/SCK1/RD1 76
EBID14/ETXEN/RPD2/PMD14/RD2 77
EBID15/ETXCLK/RPD3/PMD15/RD3 78
EBID12/ETXD2/RPD12/PMD12/RD12 79
EBID13/ETXD3/PMD13/RD13 80
SQICS0/RPD4/RD4 81
SQICS1/RPD5/RD5 82
VDD 83
VSS 84
EBID11/ETXD1/RPF0/PMD11/RF0 85
EBID10/ETXD0/RPF1/PMD10/RF1 86
EBID9/ETXERR/RPG1/PMD9/RG1 87
EBID8/RPG0/PMD8/RG0 88
TRCLK/SQICLK/RA6 89
TRD3/SQID3/RA7 90
EBID0/PMD0/RE0 91
VSS 92
VDD 93
EBID1/PMD1/RE1 94
TRD2/SQID2/RG14 95
TRD1/SQID1/RG12 96
TRD0/SQID0/RG13 97
EBID2/PMD2/RE2 98
EBID3/RPE3/PMD3/RE3 99
EBID4/AN18/PMD4/RE4 100
3.3V
GND
ConsoleTX
ConsoleRX
COM2-TX
COM2-RX
KBCLK
KBDAT
MOUSE_CLK
GND
3.3V
MOUSE_DAT
SSD-RESET
RS
WR
RD
Heartbeat
100_E4
SD_CS
SPI2OUT
SDV
SP12CLK
GND
SP12IN
SDCARD
TFT
R31
10K
R32
10K
R30
10K
R36
10K
R29
10K
SJ4
SSD-RESET
5V
LED3
3mm Green
R14 330R
GND