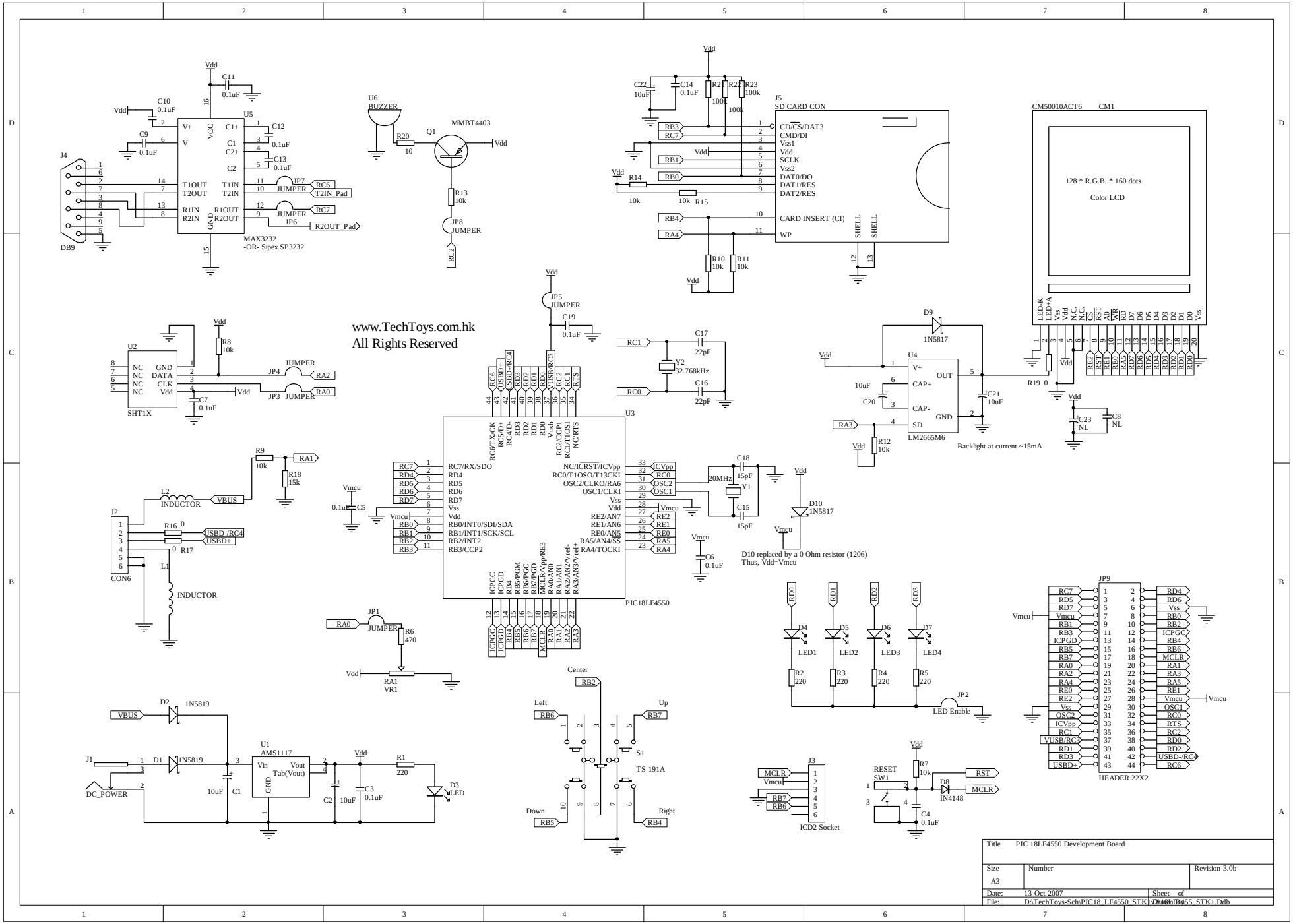

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MAX3232
-OR- Sipex SP3232
U5
U6
BUZZER
Q1
MMBT4403
J4
DB9
J5
SD CARD CON
CD/CS/DAT3
CMD/DI
Vss1
Vdd
SCLK
Vss2
DAT0/DO
DAT1/RES
DAT2/RES
CARD INSERT (CI)
WP
CM50010ACT6 CM1
128 * R.G.B. * 160 dots
Color LCD
U2
SHT1X
U3
PIC18LF4550
U4
LM2665M6
Backlight at current ~15mA
D9
1N5817
D10
1N5817
D10 replaced by a 0 Ohm resistor (1206)
Thus, Vdd=Vmcu
J2
CON6
L2
INDUCTOR
L1
INDUCTOR
J1
DC_POWER
D2
1N5819
D1
1N5819
U1
AMS1117
D3
LED
Center
Left
Up
Down
Right
S1
TS-191A
J3
ICD2 Socket
RESET
SW1
D8
1N4148
JP2
LED Enable
JP9
HEADER 22X2
Title PIC 18LF4550 Development Board
Size A3
Number
Revision 3.0b
Date: 13-Oct-2007
Sheet of
File: D:\TechToys-Sch\PIC18_LF4550_STK1\PIC18LF4550_STK1.Ddb