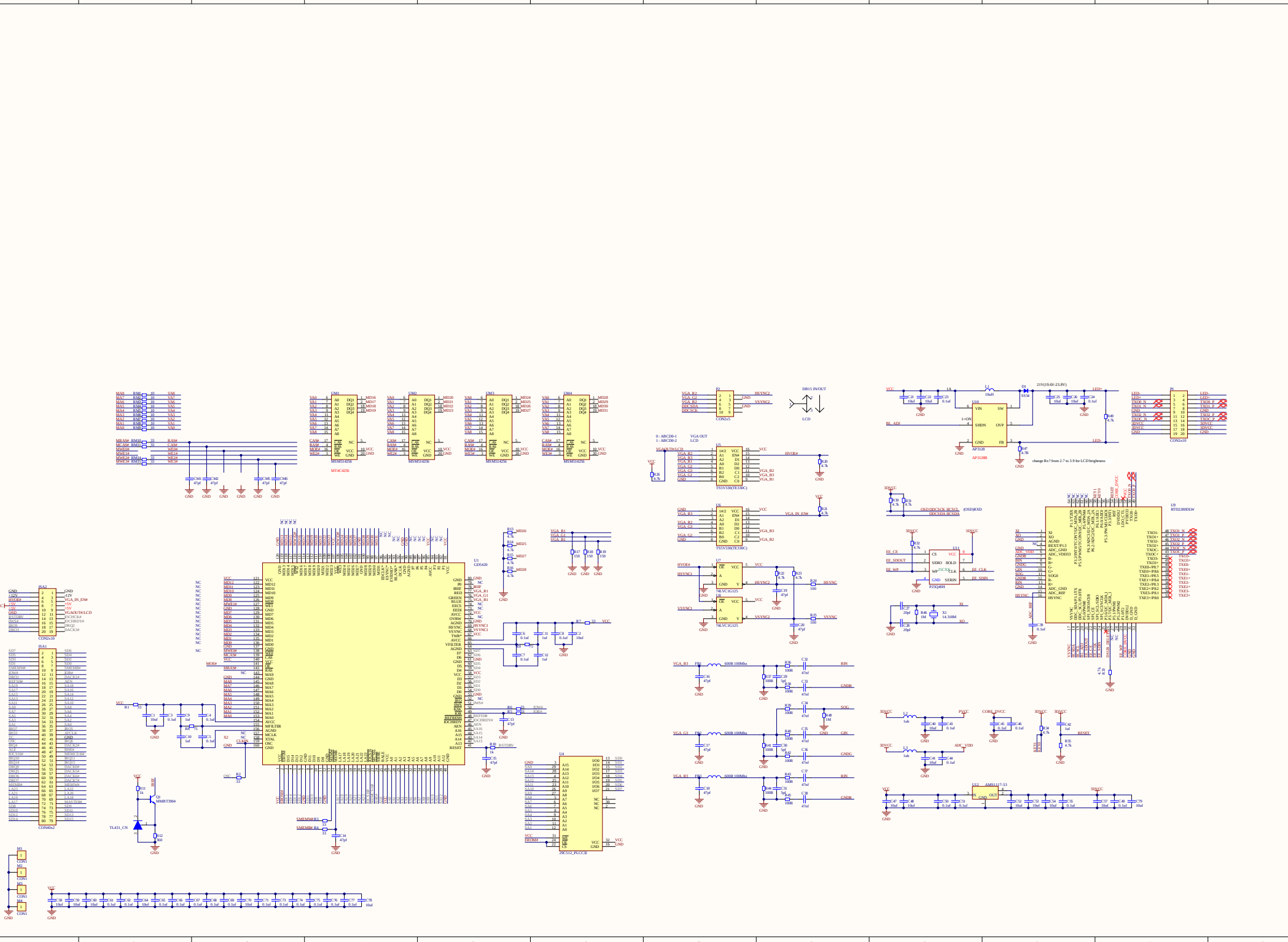
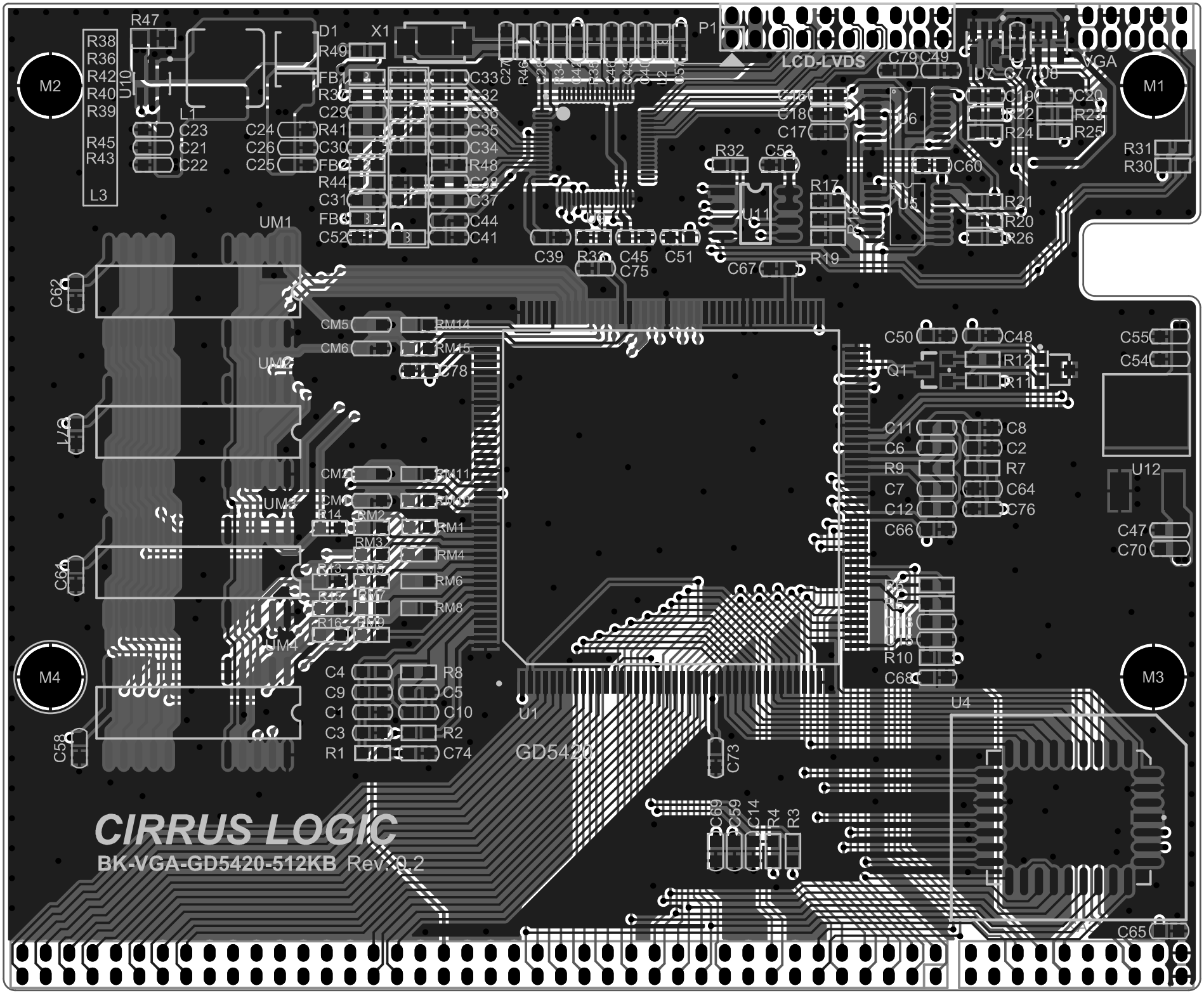

U1
GZ5420
U4
29C512_PLCC32
U9
RTD2280DDLW
U10
AP3128
U11
P25Q40H
U12
AMS1117-3.3
U7
74LVC1G125
U6
74LVC1G125
U5
TSSV138(TESBC)
CON2x10
CON40x2
CON2x5
MT4C4256
MSM514256
DB15 IN/OUT
LCD
21V(19.6V-23.8V)
change Rx? from 2.7 to 3.9 for LCD brightness
0 : ABCD0-1
1 : ABCD0-2
VGA OUT
LCD
VGA_IN_EN#
HVOE#
HSYNC
VSYNC
VGA_B3
VGA_G3
VGA_R3
BJIN
GNDB
GIN
GNDG
RIN
GNDR
SOG
PWC
CORE_DVCC
ADC_VDD
RESET
3DVCC
VCC
GND


CIRRUS LOGIC
BK-VGA-GD5420-512KB Rev:0.2
GD5420
LCD-LVDS
VGA
M1
M2
M3
M4
P1
X1
U1
U4
U5
U6
U7
U8
U11
U12
UM1
UM2
UM3
UM4
Q1
L1
L3