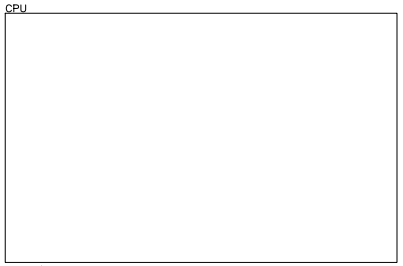
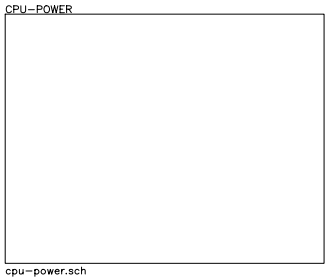
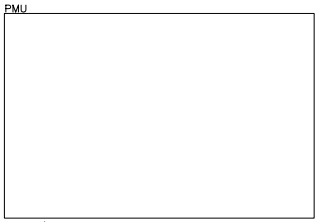
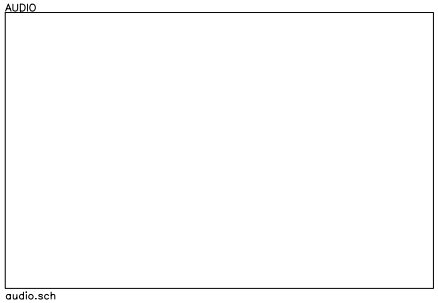
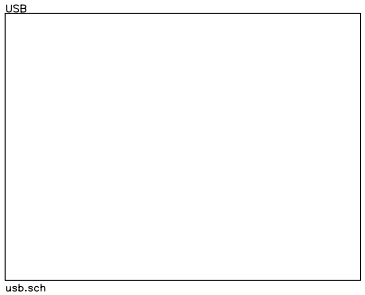

CPU
cpu.sch


CPU-POWER
cpu-power.sch

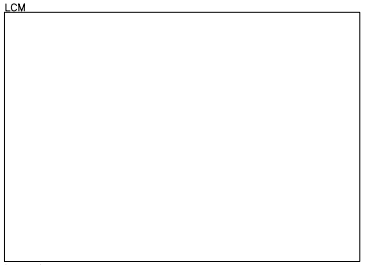

PMU
pmu.sch

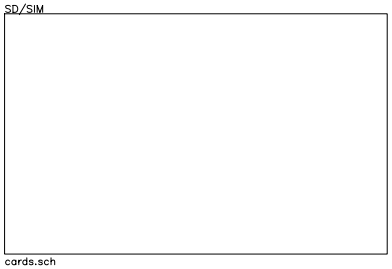
MEMORY
memory.sch

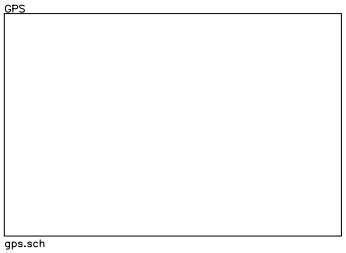

AUDIO
audio.sch

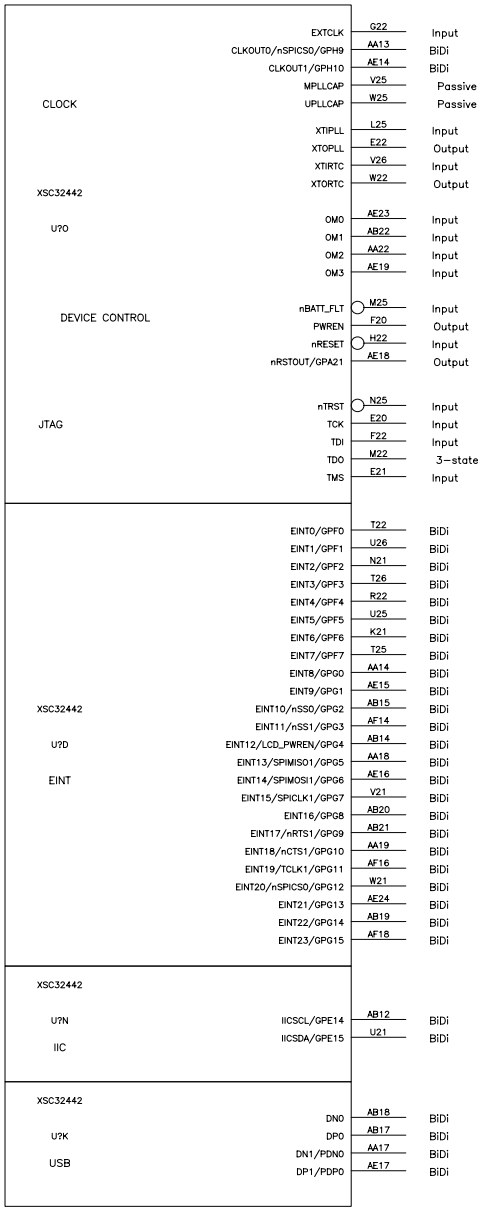

USB
usb.sch

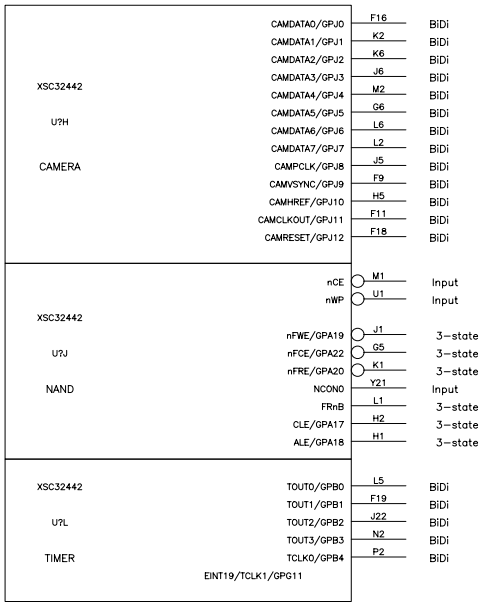
IO
io.sch


LCM
lcm.sch


SD/SIM
cards.sch

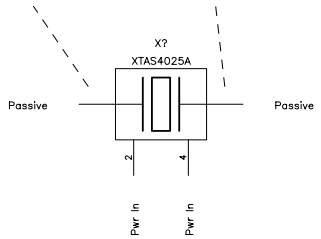

GPS
gps.sch

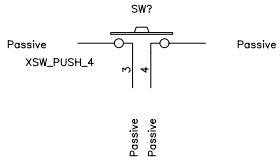


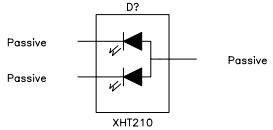


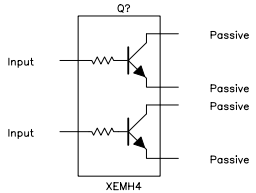
These pin numbers disappear when plotting.

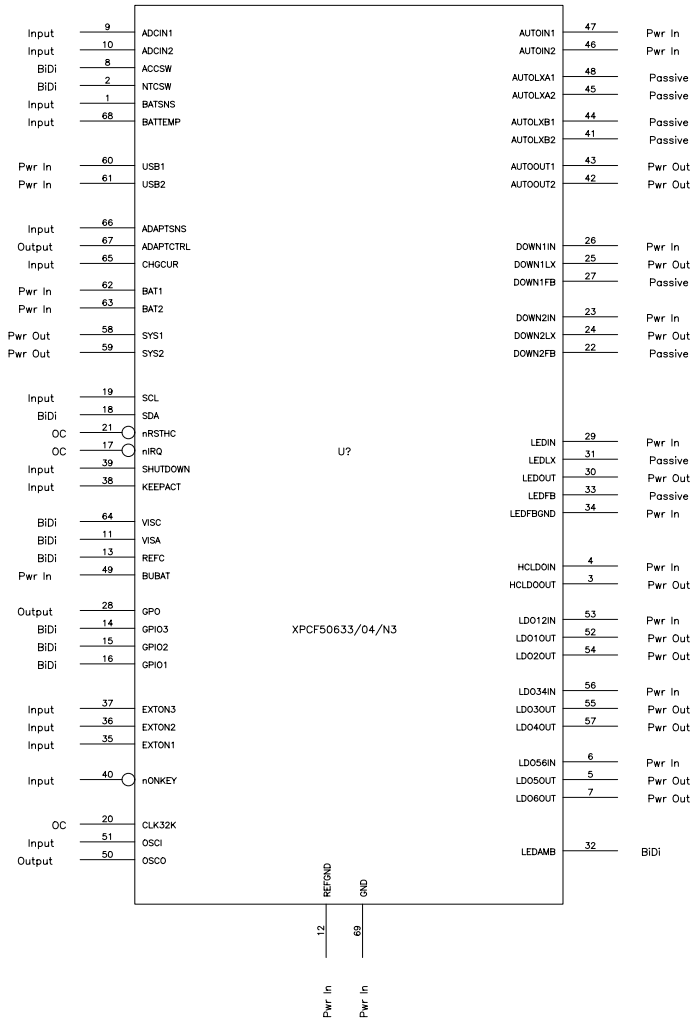
Not sure why. (Some bug in KiCad, it seems.)

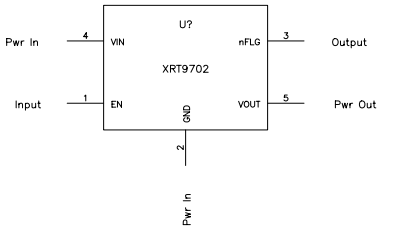


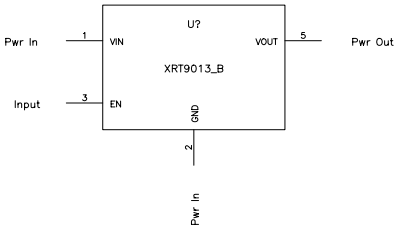


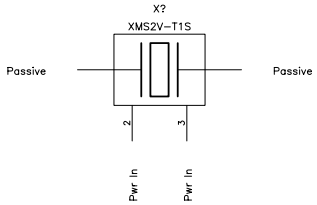


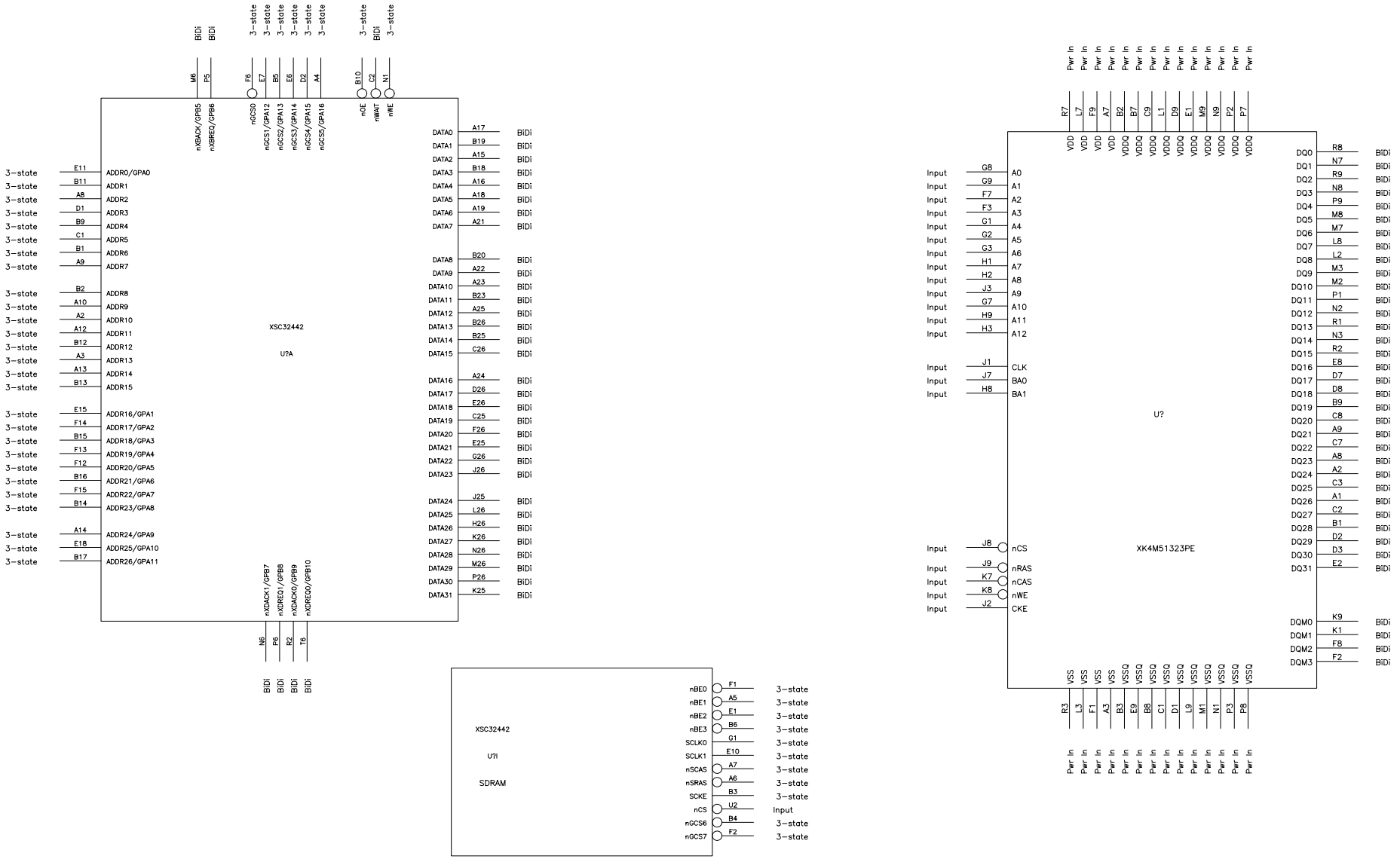


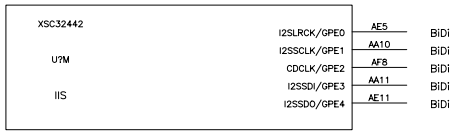

U?
XPCF50633/04/N3
Input 9 ADCIN1
Input 10 ADCIN2
BiDi 8 ACCSW
BiDi 2 NTCSW
Input 1 BATSNS
Input 68 BATTEMP
Pwr In 60 USB1
Pwr In 61 USB2
Input 66 ADAPTSNS
Output 67 ADAPTCTRL
Input 65 CHGCUR
Pwr In 62 BAT1
Pwr In 63 BAT2
Pwr Out 58 SYS1
Pwr Out 59 SYS2
Input 19 SCL
BiDi 18 SDA
OC 21 nRSTHC
OC 17 nIRQ
Input 39 SHUTDOWN
Input 38 KEEPACT
BiDi 64 VISC
BiDi 11 VISA
BiDi 13 REFC
Pwr In 49 BUBAT
Output 28 GPO
BiDi 14 GPIO3
BiDi 15 GPIO2
BiDi 16 GPIO1
Input 37 EXTON3
Input 36 EXTON2
Input 35 EXTON1
Input 40 nONKEY
OC 20 CLK32K
Input 51 OSCI
Output 50 OSCO
REFGND 12 Pwr In
GND 69 Pwr In
AUTOIN1 47 Pwr In
AUTOIN2 46 Pwr In
AUTOLXA1 48 Passive
AUTOLXA2 45 Passive
AUTOLXB1 44 Passive
AUTOLXB2 41 Passive
AUTOOUT1 43 Pwr Out
AUTOOUT2 42 Pwr Out
DOWN1IN 26 Pwr In
DOWN1LX 25 Pwr Out
DOWN1FB 27 Passive
DOWN2IN 23 Pwr In
DOWN2LX 24 Pwr Out
DOWN2FB 22 Passive
LEDIN 29 Pwr In
LEDLX 31 Passive
LEDOUT 30 Pwr Out
LEDFB 33 Passive
LEDFBGND 34 Pwr In
HCLDOIN 4 Pwr In
HCLDOOUT 3 Pwr Out
LDO12IN 53 Pwr In
LDO1OUT 52 Pwr Out
LDO2OUT 54 Pwr Out
LDO34IN 56 Pwr In
LDO3OUT 55 Pwr Out
LDO4OUT 57 Pwr Out
LDO56IN 6 Pwr In
LDO5OUT 5 Pwr Out
LDO6OUT 7 Pwr Out
LEDAMB 32 BiDi

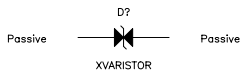

U?
XRT9702
Pwr In 4 VIN
nFLG 3 Output
Input 1 EN
GND 2 Pwr In
VOUT 5 Pwr Out

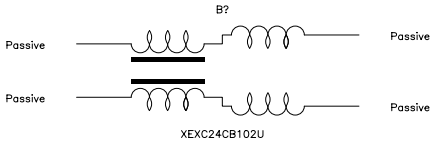

U?
XRT9013_B
Pwr In 1 VIN
VOUT 5 Pwr Out
Input 3 EN
GND 2 Pwr In

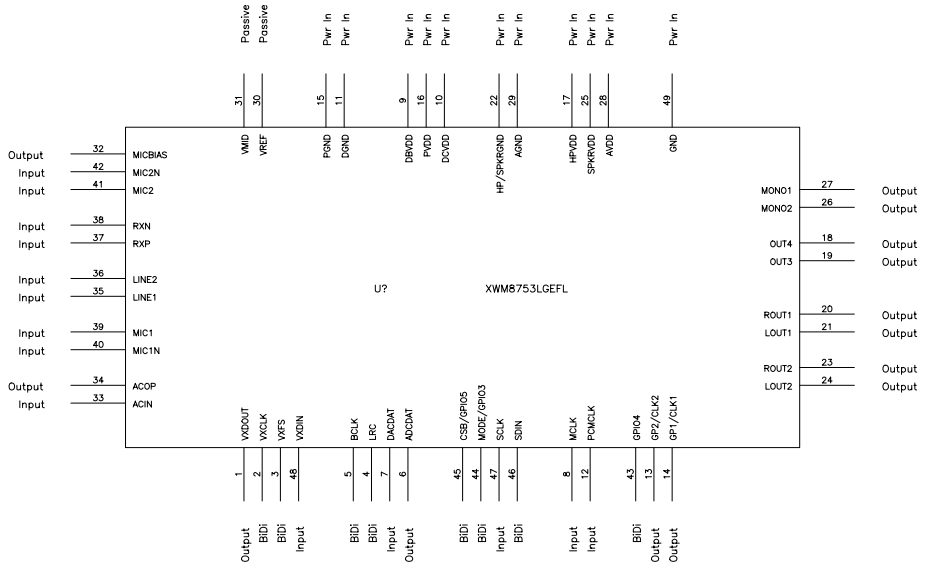

X?
XMS2V-T1S
Passive
Passive
2 Pwr In
3 Pwr In

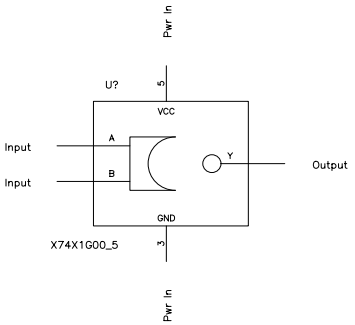

XSC32442
U7A
ADDR0/GPA0
ADDR1
ADDR2
ADDR3
ADDR4
ADDR5
ADDR6
ADDR7
ADDR8
ADDR9
ADDR10
ADDR11
ADDR12
ADDR13
ADDR14
ADDR15
ADDR16/GPA1
ADDR17/GPA2
ADDR18/GPA3
ADDR19/GPA4
ADDR20/GPA5
ADDR21/GPA6
ADDR22/GPA7
ADDR23/GPA8
ADDR24/GPA9
ADDR25/GPA10
ADDR26/GPA11
nXBACK/GPB5
nXBREQ/GPB6
nGCS0
nGCS1/GPA12
nGCS2/GPA13
nGCS3/GPA14
nGCS4/GPA15
nGCS5/GPA16
nOE
nWAIT
nWE
nXDACK1/GPB7
nXDREQ1/GPB8
nXDACK0/GPB9
nXDREQ0/GPB10
DATA0
DATA1
DATA2
DATA3
DATA4
DATA5
DATA6
DATA7
DATA8
DATA9
DATA10
DATA11
DATA12
DATA13
DATA14
DATA15
DATA16
DATA17
DATA18
DATA19
DATA20
DATA21
DATA22
DATA23
DATA24
DATA25
DATA26
DATA27
DATA28
DATA29
DATA30
DATA31
XSC32442
U7I
SDRAM
nBE0
nBE1
nBE2
nBE3
SCLK0
SCLK1
nSCAS
nSRAS
SCKE
nCS
nGCS6
nGCS7
XK4M51323PE
U?
A0
A1
A2
A3
A4
A5
A6
A7
A8
A9
A10
A11
A12
CLK
BA0
BA1
nCS
nRAS
nCAS
nWE
CKE
VDD
VSS
VDDQ
VSSQ
DQ0
DQ1
DQ2
DQ3
DQ4
DQ5
DQ6
DQ7
DQ8
DQ9
DQ10
DQ11
DQ12
DQ13
DQ14
DQ15
DQ16
DQ17
DQ18
DQ19
DQ20
DQ21
DQ22
DQ23
DQ24
DQ25
DQ26
DQ27
DQ28
DQ29
DQ30
DQ31
DQM0
DQM1
DQM2
DQM3

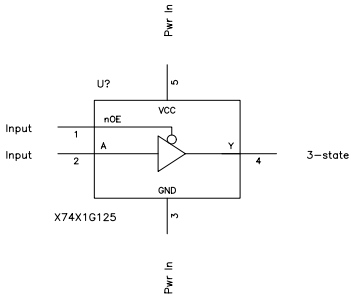

XSC32442
U?M
IIS
I2SLRCK/GPE0
I2SSCLK/GPE1
CDCLK/GPE2
I2SSDI/GPE3
I2SSDO/GPE4
AE5
AA10
AF8
AA11
AE11
BiDi
BiDi
BiDi
BiDi
BiDi

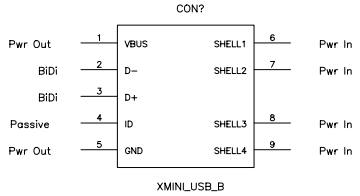

D?
Passive
Passive
XVARISTOR

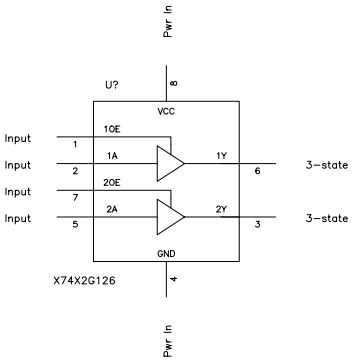

B?
Passive
Passive
Passive
Passive
XEXC24CB102U

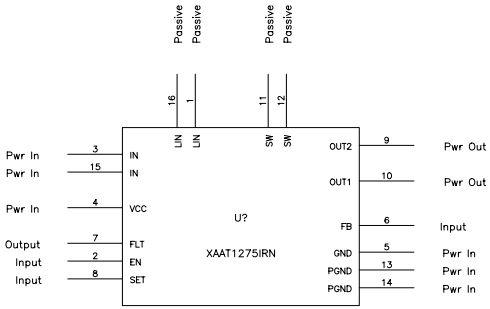

U?
XWM8753LGEFL
Output 32 MICBIAS
Input 42 MIC2N
Input 41 MIC2
Input 38 RXN
Input 37 RXP
Input 36 LINE2
Input 35 LINE1
Input 39 MIC1
Input 40 MIC1N
Output 34 ACOP
Input 33 ACIN
31 VMID Passive
30 VREF Passive
15 PGND Pwr In
11 DGND Pwr In
9 DBVDD Pwr In
16 PVDD Pwr In
10 DCVDD Pwr In
22 HP/SPKRGND Pwr In
29 AGND Pwr In
17 HPVDD Pwr In
25 SPKRVDD Pwr In
28 AVDD Pwr In
49 GND Pwr In
MONO1 27 Output
MONO2 26 Output
OUT4 18 Output
OUT3 19 Output
ROUT1 20 Output
LOUT1 21 Output
ROUT2 23 Output
LOUT2 24 Output
1 VXDOUT Output
2 VXCLK BiDi
3 VXFS BiDi
48 VXDIN Input
5 BCLK BiDi
4 LRC BiDi
7 DACDAT Input
6 ADCDAT Output
45 CSB/GPIO5 BiDi
44 MODE/GPIO3 BiDi
47 SCLK Input
46 SDIN BiDi
8 MCLK Input
12 PCMCLK Input
43 GPIO4 BiDi
13 GP2/CLK2 Output
14 GP1/CLK1 Output

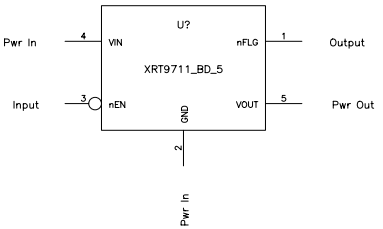

Pwr In
U?
5
VCC
Input
A
Input
B
Y
Output
GND
X74X1G00_5
3
Pwr In

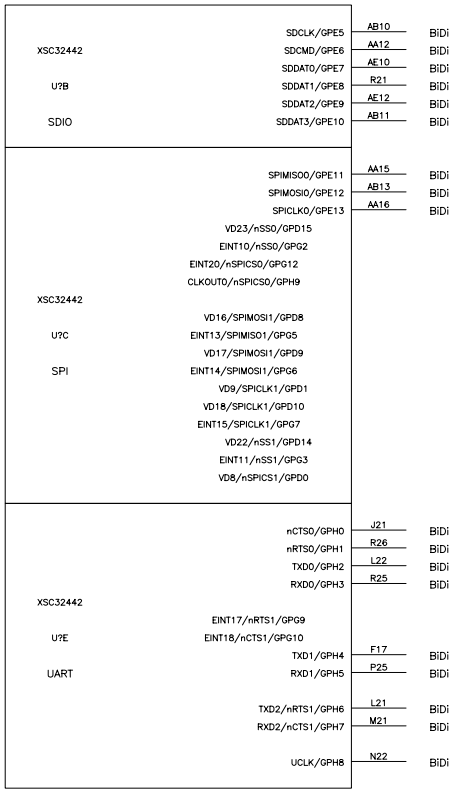

Pwr In
U?
5
VCC
Input
nOE
1
Input
A
Y
2
4
3-state
GND
X74X1G125
3
Pwr In

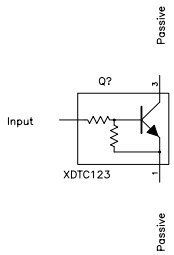

CON?
Pwr Out
1
VBUS
SHELL1
6
Pwr In
BiDi
2
D-
SHELL2
7
Pwr In
BiDi
3
D+
Passive
4
ID
SHELL3
8
Pwr In
Pwr Out
5
GND
SHELL4
9
Pwr In
XMINI_USB_B

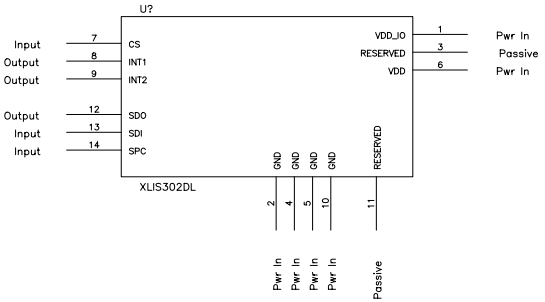

Pwr In
U?
8
VCC
Input
1
1OE
Input
2
1A
1Y
6
3-state
Input
7
2OE
Input
5
2A
2Y
3
3-state
GND
X74X2G126
4
Pwr In

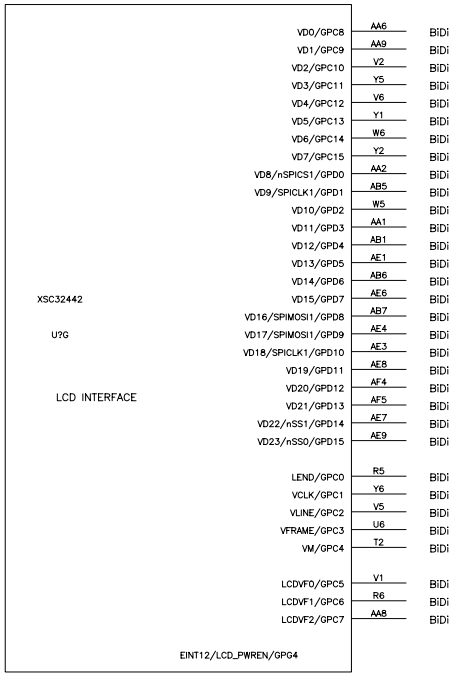

Passive
Passive
Passive
Passive
16
1
11
12
LIN
LIN
SW
SW
Pwr In
3
IN
OUT2
9
Pwr Out
Pwr In
15
IN
OUT1
10
Pwr Out
Pwr In
4
VCC
U?
FB
6
Input
Output
7
FLT
GND
5
Pwr In
Input
2
EN
XAAT1275IRN
PGND
13
Pwr In
Input
8
SET
PGND
14
Pwr In

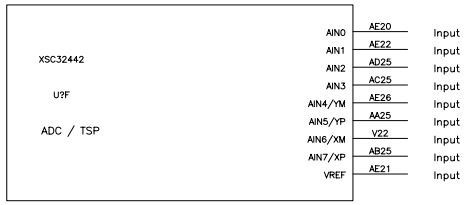

U?
Pwr In
4
VIN
nFLG
1
Output
XRT9711_BD_5
Input
3
nEN
GND
VOUT
5
Pwr Out
2
Pwr In

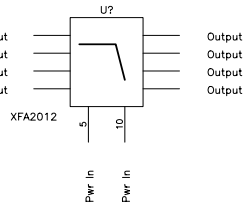

XSC32442
U?B
SDIO
SDCLK/GPE5
SDCMD/GPE6
SDDAT0/GPE7
SDDAT1/GPE8
SDDAT2/GPE9
SDDAT3/GPE10
AB10
AA12
AE10
R21
AE12
AB11
BiDi
XSC32442
U?C
SPI
SPIMISO0/GPE11
SPIMOSI0/GPE12
SPICLK0/GPE13
VD23/nSS0/GPD15
EINT10/nSS0/GPG2
EINT20/nSPICS0/GPG12
CLKOUT0/nSPICS0/GPH9
VD16/SPIMOSI1/GPD8
EINT13/SPIMISO1/GPG5
VD17/SPIMOSI1/GPD9
EINT14/SPIMOSI1/GPG6
VD9/SPICLK1/GPD1
VD18/SPICLK1/GPD10
EINT15/SPICLK1/GPG7
VD22/nSS1/GPD14
EINT11/nSS1/GPG3
VD8/nSPICS1/GPD0
AA15
AB13
AA16
BiDi
XSC32442
U?E
UART
nCTS0/GPH0
nRTS0/GPH1
TXD0/GPH2
RXD0/GPH3
EINT17/nRTS1/GPG9
EINT18/nCTS1/GPG10
TXD1/GPH4
RXD1/GPH5
TXD2/nRTS1/GPH6
RXD2/nCTS1/GPH7
UCLK/GPH8
J21
R26
L22
R25
F17
P25
L21
M21
N22
BiDi

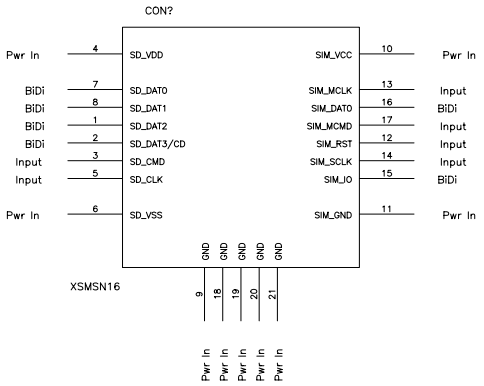

Passive
Q?
Input
XDTC123
Passive

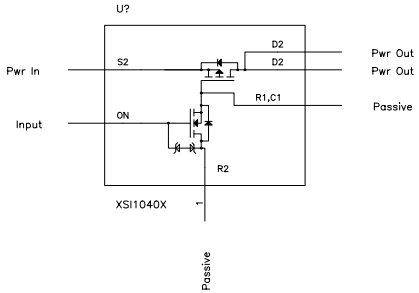

U?
Input
Output
Output
Output
Input
Input
7
8
9
12
13
14
CS
INT1
INT2
SDO
SDI
SPC
VDD_IO
RESERVED
VDD
1
3
6
Pwr In
Passive
Pwr In
GND
GND
GND
GND
RESERVED
XLIS302DL
2
4
5
10
11
Pwr In
Pwr In
Pwr In
Pwr In
Passive


XSC32442
U?G
LCD INTERFACE
VD0/GPC8 AA6 BiDi
VD1/GPC9 AA9 BiDi
VD2/GPC10 V2 BiDi
VD3/GPC11 Y5 BiDi
VD4/GPC12 V6 BiDi
VD5/GPC13 Y1 BiDi
VD6/GPC14 W6 BiDi
VD7/GPC15 Y2 BiDi
VD8/nSPICS1/GPD0 AA2 BiDi
VD9/SPICLK1/GPD1 AB5 BiDi
VD10/GPD2 W5 BiDi
VD11/GPD3 AA1 BiDi
VD12/GPD4 AB1 BiDi
VD13/GPD5 AE1 BiDi
VD14/GPD6 AB6 BiDi
VD15/GPD7 AE6 BiDi
VD16/SPIMOSI1/GPD8 AB7 BiDi
VD17/SPIMOSI1/GPD9 AE4 BiDi
VD18/SPICLK1/GPD10 AE3 BiDi
VD19/GPD11 AE8 BiDi
VD20/GPD12 AF4 BiDi
VD21/GPD13 AF5 BiDi
VD22/nSS1/GPD14 AE7 BiDi
VD23/nSS0/GPD15 AE9 BiDi
LEND/GPC0 R5 BiDi
VCLK/GPC1 Y6 BiDi
VLINE/GPC2 V5 BiDi
VFRAME/GPC3 U6 BiDi
VM/GPC4 T2 BiDi
LCDVF0/GPC5 V1 BiDi
LCDVF1/GPC6 R6 BiDi
LCDVF2/GPC7 AA8 BiDi
EINT12/LCD_PWREN/GPG4


XSC32442
U?F
ADC / TSP
AIN0 AE20 Input
AIN1 AE22 Input
AIN2 AD25 Input
AIN3 AC25 Input
AIN4/YM AE26 Input
AIN5/YP AA25 Input
AIN6/XM V22 Input
AIN7/XP AB25 Input
VREF AE21 Input


U?
Input
Input
Input
Input
Output
Output
Output
Output
XFA2012
5
10
Pwr In
Pwr In


CON?
Pwr In
4
SD_VDD
BiDi
7
SD_DAT0
BiDi
8
SD_DAT1
BiDi
1
SD_DAT2
BiDi
2
SD_DAT3/CD
Input
3
SD_CMD
Input
5
SD_CLK
Pwr In
6
SD_VSS
SIM_VCC
10
Pwr In
SIM_MCLK
13
Input
SIM_DAT0
16
BiDi
SIM_MCMD
17
Input
SIM_RST
12
Input
SIM_SCLK
14
Input
SIM_IO
15
BiDi
SIM_GND
11
Pwr In
GND
9
Pwr In
GND
18
Pwr In
GND
19
Pwr In
GND
20
Pwr In
GND
21
Pwr In
XSMSN16


U?
Pwr In
S2
D2
D2
Pwr Out
Pwr Out
R1,C1
Passive
Input
ON
R2
XSI1040X
1
Passive