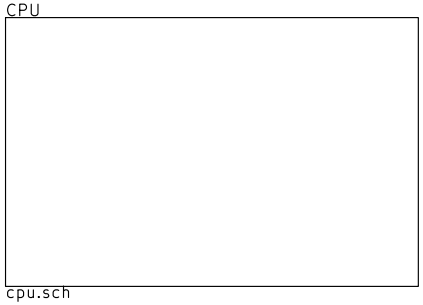
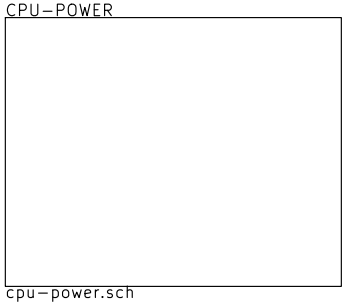
EXPANDED VIEW – FOR COMPONENT REVIEW

CPU



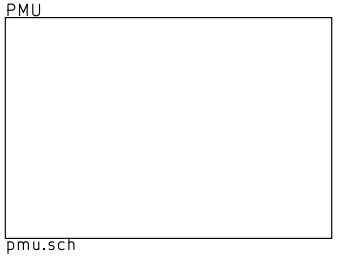
cpu.sch

CPU–POWER



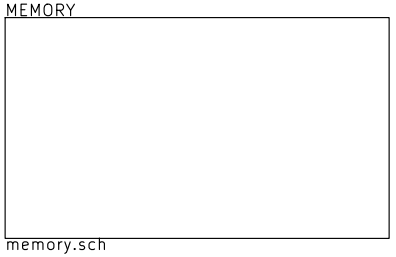
cpu–power.sch

PMU



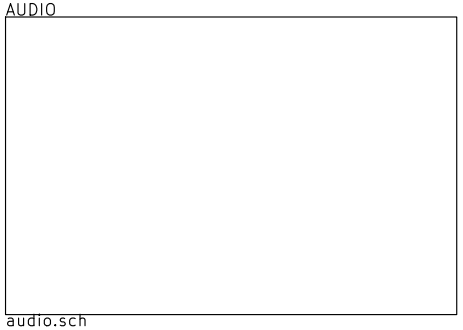
pmu.sch

MEMORY



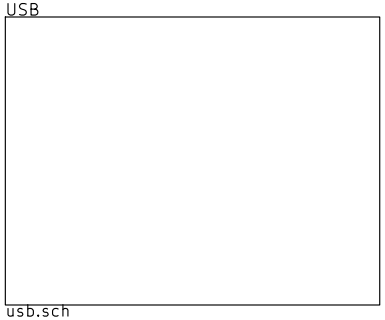
memory.sch

AUDIO



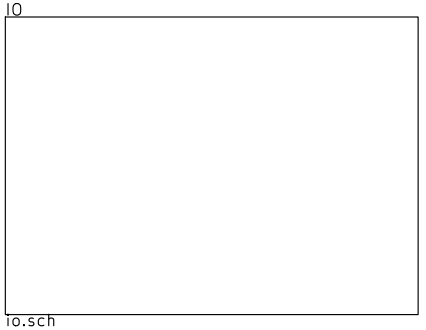
audio.sch

USB



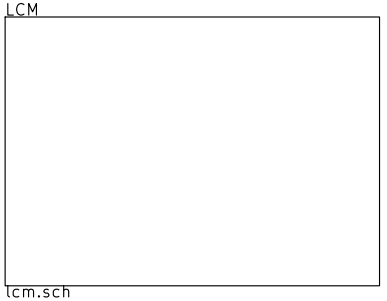
usb.sch

IO



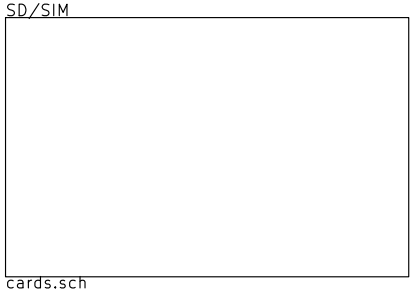
io.sch

LCM



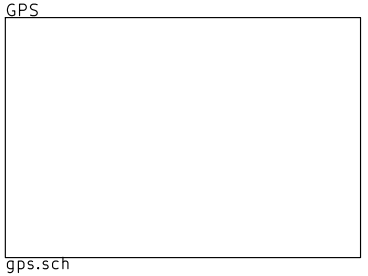
lcm.sch

SD/SIM



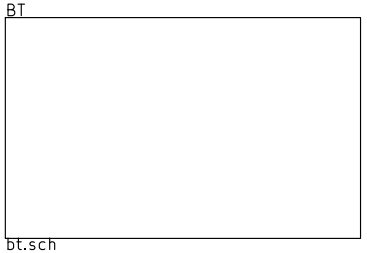
cards.sch

GPS



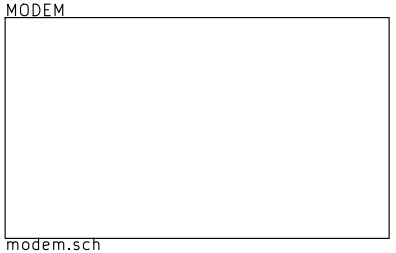
gps.sch

BT



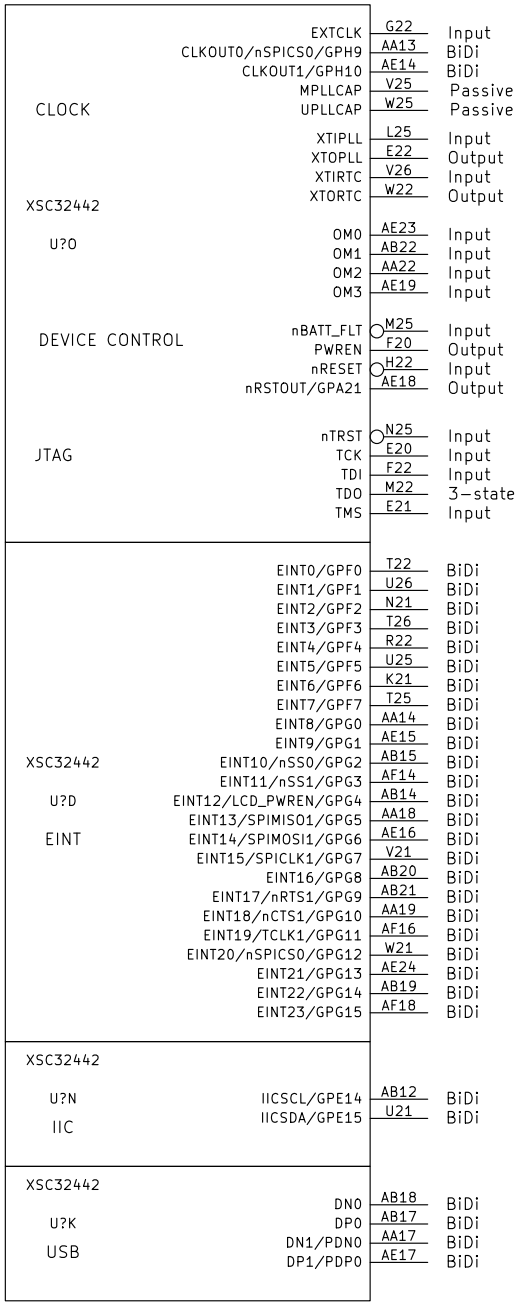
bt.sch

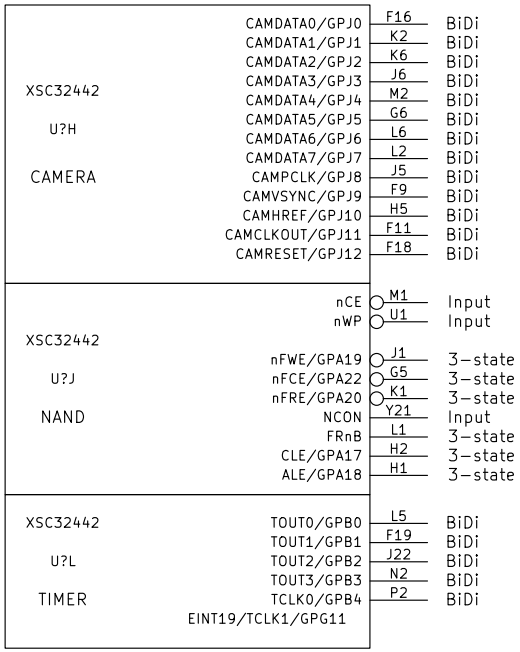
MODEM



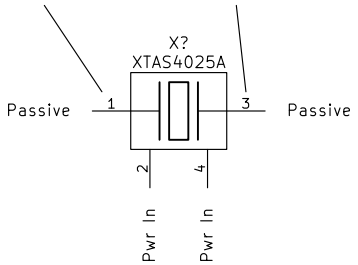
modem.sch

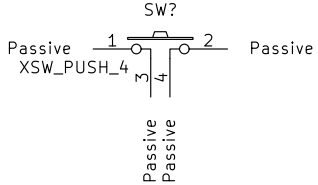
CPU

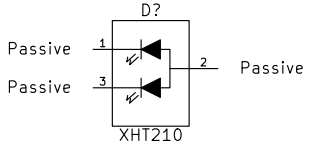


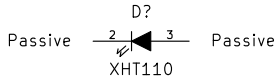


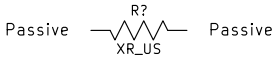
These pin numbers disappear when plotting.
Not sure why. (Some bug in KiCad, it seems.)

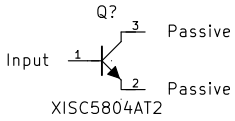


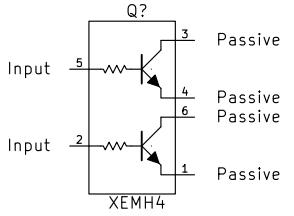




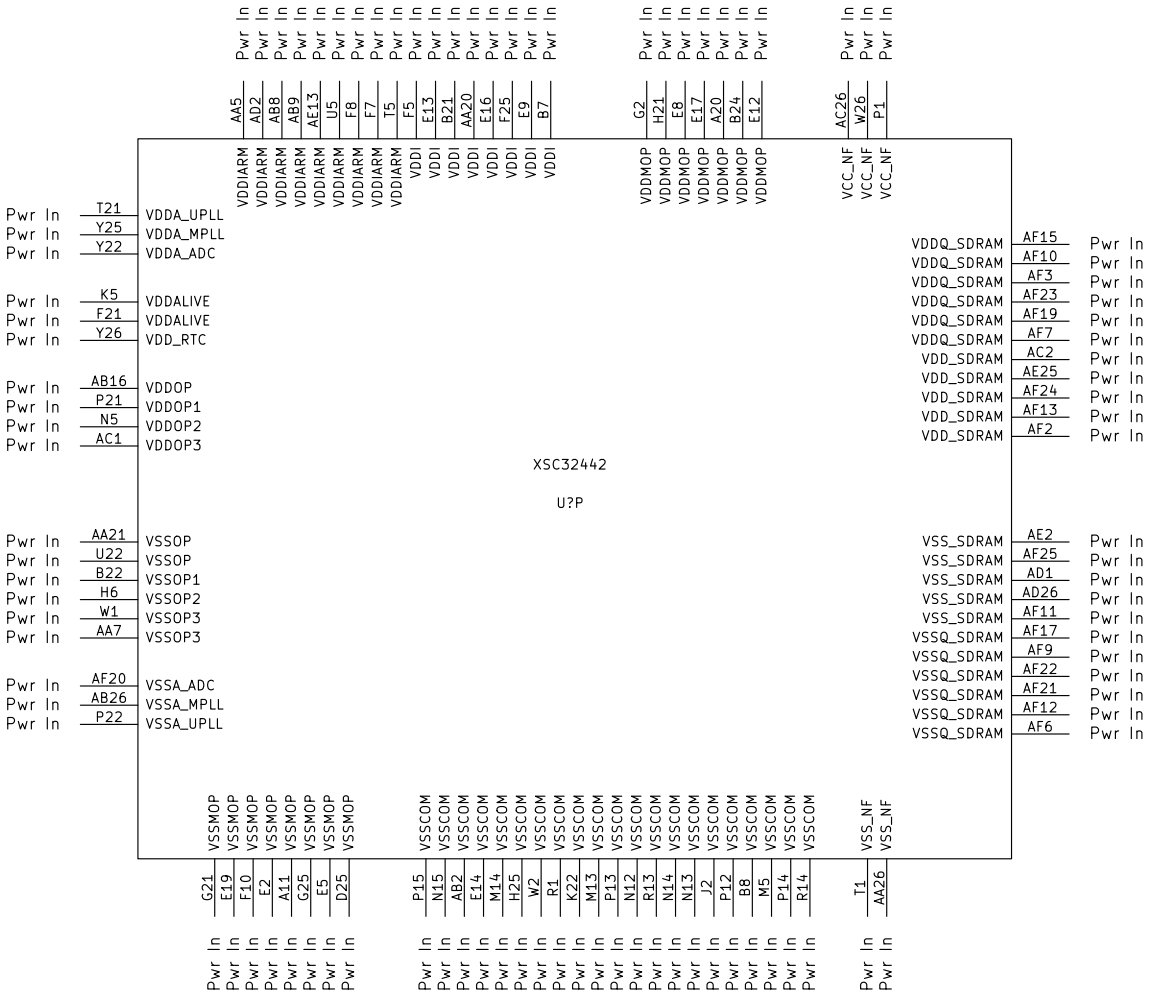




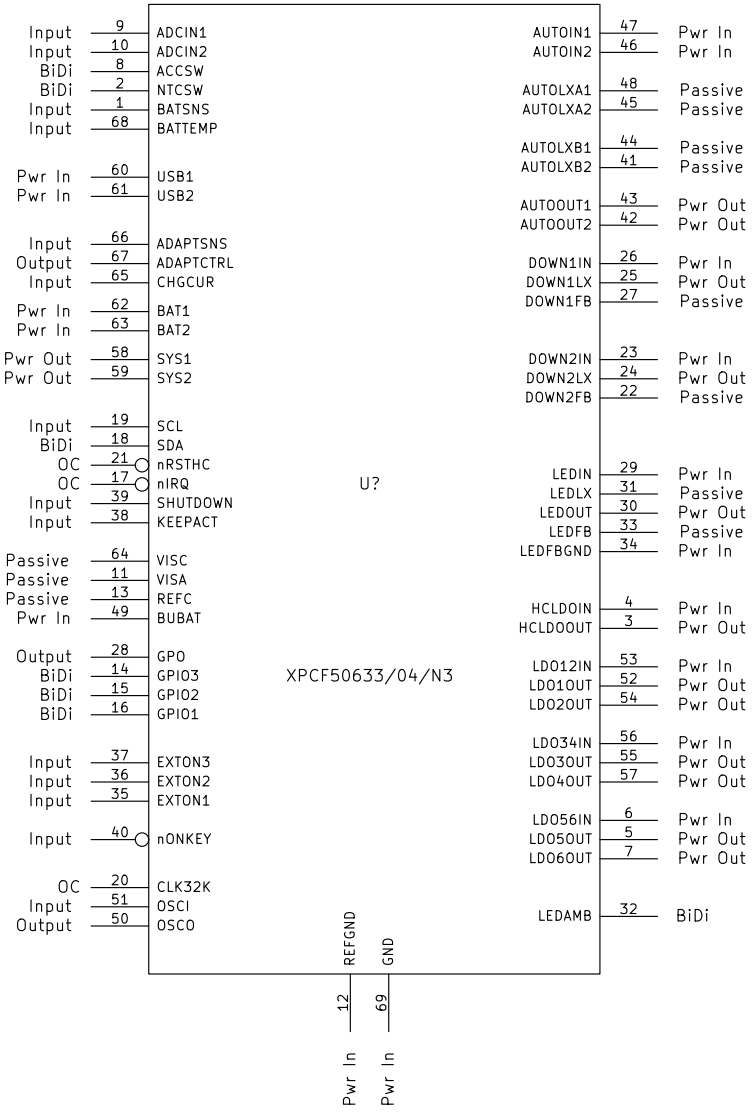


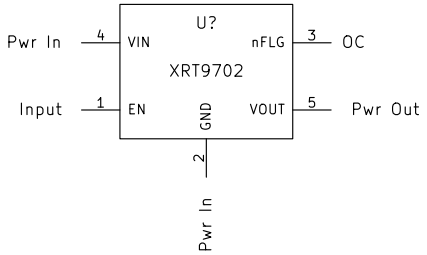


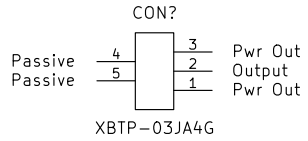
CPU-POWER

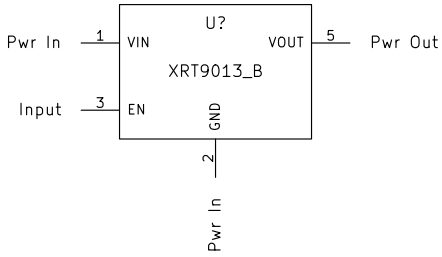

XSC32442
U?P
VDDIARM
VDDMOP
VDD
VCC_NF
VDDA_UPLL
VDDA_MPLL
VDDA_ADC
VDDALIVE
VDDALIVE
VDD_RTC
VDDOP
VDDOP1
VDDOP2
VDDOP3
VSSOP
VSSOP
VSSOP1
VSSOP2
VSSOP3
VSSOP3
VSSA_ADC
VSSA_MPLL
VSSA_UPLL
VDDQ_SDRAM
VDD_SDRAM
VSS_SDRAM
VSSQ_SDRAM
VSSMOP
VSSCOM
VSS_NF
Pwr In

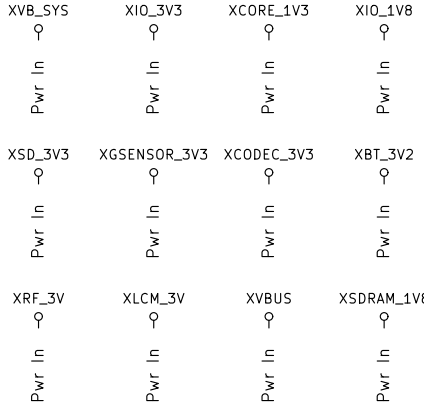
PMU

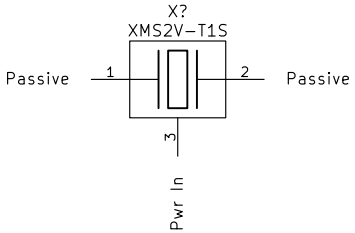

U?
XPCF50633/04/N3
Input 9 ADCIN1
Input 10 ADCIN2
BiDi 8 ACCSW
BiDi 2 NTCSW
Input 1 BATSNS
Input 68 BATTEMP
Pwr In 60 USB1
Pwr In 61 USB2
Input 66 ADAPTSNS
Output 67 ADAPTCTRL
Input 65 CHGCUR
Pwr In 62 BAT1
Pwr In 63 BAT2
Pwr Out 58 SYS1
Pwr Out 59 SYS2
Input 19 SCL
BiDi 18 SDA
OC 21 nRSTHC
OC 17 nIRQ
Input 39 SHUTDOWN
Input 38 KEEPACT
Passive 64 VISC
Passive 11 VISA
Passive 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
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
LDO10UT 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
REFGND 12 Pwr In
GND 69 Pwr In


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

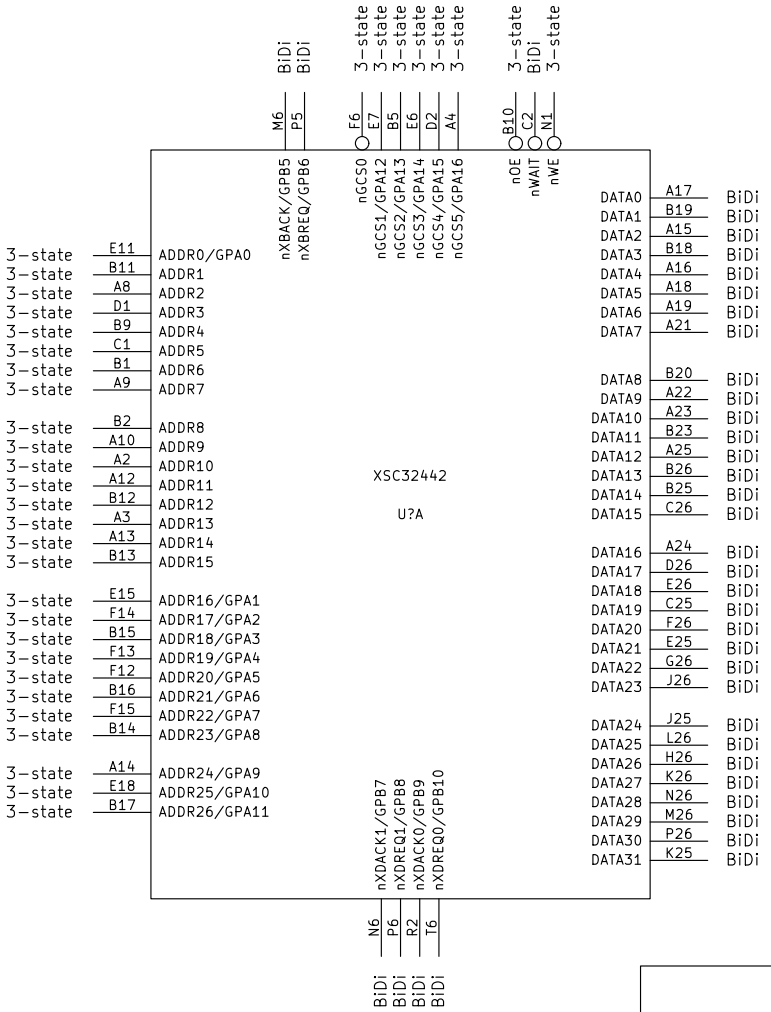

CON?
XBTP-03JA4G
Passive 4
Passive 5
3 Pwr Out
2 Output
1 Pwr Out

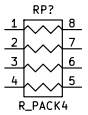

U?
XRT9013_B
Pwr In 1 VIN
Input 3 EN
GND 2
VOUT 5 Pwr Out
Pwr In

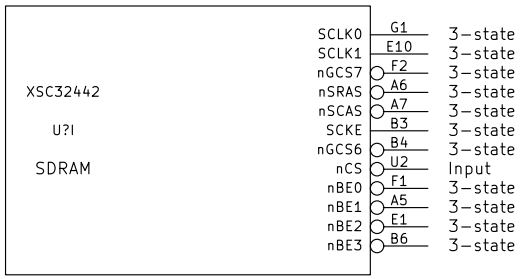

XVB_SYS
XIO_3V3
XCORE_1V3
XIO_1V8
XSD_3V3
XGSENSOR_3V3
XCODEC_3V3
XBT_3V2
XRF_3V
XLCM_3V
XVBUS
XSDRAM_1V8
Pwr In

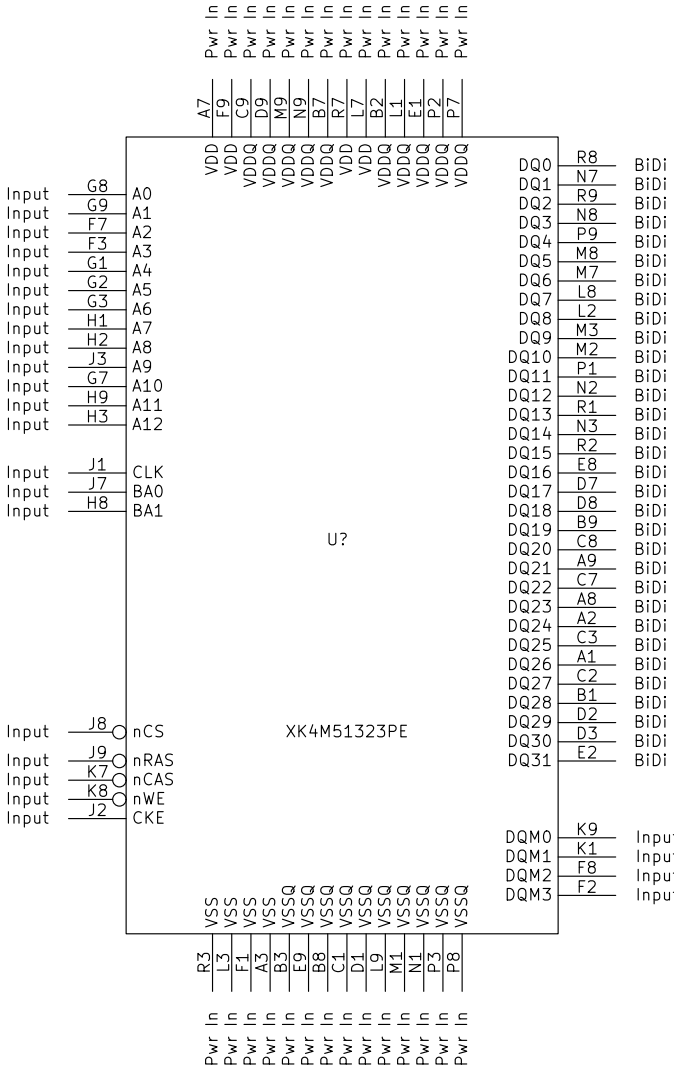

X?
XMS2V-T1S
Passive 1
2 Passive
3
Pwr In

MEMORY


XSC32442
U?A
3-state E11 ADDR0/GPA0
3-state B11 ADDR1
3-state A8 ADDR2
3-state D1 ADDR3
3-state B9 ADDR4
3-state C1 ADDR5
3-state B1 ADDR6
3-state A9 ADDR7
3-state B2 ADDR8
3-state A10 ADDR9
3-state A2 ADDR10
3-state A12 ADDR11
3-state B12 ADDR12
3-state A3 ADDR13
3-state A13 ADDR14
3-state B13 ADDR15
3-state E15 ADDR16/GPA1
3-state F14 ADDR17/GPA2
3-state B15 ADDR18/GPA3
3-state F13 ADDR19/GPA4
3-state F12 ADDR20/GPA5
3-state B16 ADDR21/GPA6
3-state F15 ADDR22/GPA7
3-state B14 ADDR23/GPA8
3-state A14 ADDR24/GPA9
3-state E18 ADDR25/GPA10
3-state B17 ADDR26/GPA11
M6 nXBACK/GPB5 BiDi
P5 nXBREQ/GPB6 BiDi
F6 nGCS0 3-state
E7 nGCS1/GPA12 3-state
B5 nGCS2/GPA13 3-state
E6 nGCS3/GPA14 3-state
D2 nGCS4/GPA15 3-state
A4 nGCS5/GPA16 3-state
B10 nOE 3-state
C2 nWAIT BiDi
N1 nWE 3-state
DATA0 A17 BiDi
DATA1 B19 BiDi
DATA2 A15 BiDi
DATA3 B18 BiDi
DATA4 A16 BiDi
DATA5 A18 BiDi
DATA6 A19 BiDi
DATA7 A21 BiDi
DATA8 B20 BiDi
DATA9 A22 BiDi
DATA10 A23 BiDi
DATA11 B23 BiDi
DATA12 A25 BiDi
DATA13 B26 BiDi
DATA14 B25 BiDi
DATA15 C26 BiDi
DATA16 A24 BiDi
DATA17 D26 BiDi
DATA18 E26 BiDi
DATA19 C25 BiDi
DATA20 F26 BiDi
DATA21 E25 BiDi
DATA22 G26 BiDi
DATA23 J26 BiDi
DATA24 J25 BiDi
DATA25 L26 BiDi
DATA26 H26 BiDi
DATA27 K26 BiDi
DATA28 N26 BiDi
DATA29 M26 BiDi
DATA30 P26 BiDi
DATA31 K25 BiDi
N6 nXDACK1/GPB7 BiDi
P6 nXDREQ1/GPB8 BiDi
R2 nXDACK0/GPB9 BiDi
T6 nXDREQ0/GPB10 BiDi

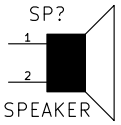

RP?
1
2
3
4
8
7
6
5
R_PACK4

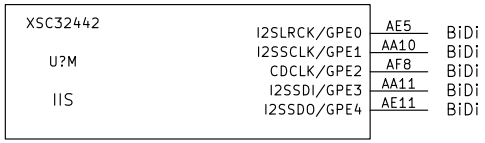

XSC32442
U?I
SDRAM
SCLK0 G1 3-state
SCLK1 E10 3-state
nGCS7 F2 3-state
nSRAS A6 3-state
nSCAS A7 3-state
SCKE B3 3-state
nGCS6 B4 3-state
nCS U2 Input
nBE0 F1 3-state
nBE1 A5 3-state
nBE2 E1 3-state
nBE3 B6 3-state


XK4M51323PE
U?
A7 VDD Pwr In
F9 VDD Pwr In
C9 VDDQ Pwr In
D9 VDDQ Pwr In
M9 VDDQ Pwr In
N9 VDDQ Pwr In
B7 VDDQ Pwr In
R7 VDD Pwr In
L7 VDD Pwr In
B2 VDDQ Pwr In
L1 VDDQ Pwr In
E1 VDDQ Pwr In
P2 VDDQ Pwr In
P7 VDDQ Pwr In
Input G8 A0
Input G9 A1
Input F7 A2
Input F3 A3
Input G1 A4
Input G2 A5
Input G3 A6
Input H1 A7
Input H2 A8
Input J3 A9
Input G7 A10
Input H9 A11
Input H3 A12
Input J1 CLK
Input J7 BA0
Input H8 BA1
Input J8 nCS
Input J9 nRAS
Input K7 nCAS
Input K8 nWE
Input J2 CKE
R3 VSS Pwr In
L3 VSS Pwr In
F1 VSS Pwr In
A3 VSS Pwr In
B3 VSSQ Pwr In
E9 VSSQ Pwr In
B8 VSSQ Pwr In
C1 VSSQ Pwr In
D1 VSSQ Pwr In
L9 VSSQ Pwr In
M1 VSSQ Pwr In
N1 VSSQ Pwr In
P3 VSSQ Pwr In
P8 VSSQ Pwr In
DQ0 R8 BiDi
DQ1 N7 BiDi
DQ2 R9 BiDi
DQ3 N8 BiDi
DQ4 P9 BiDi
DQ5 M8 BiDi
DQ6 M7 BiDi
DQ7 L8 BiDi
DQ8 L2 BiDi
DQ9 M3 BiDi
DQ10 M2 BiDi
DQ11 P1 BiDi
DQ12 N2 BiDi
DQ13 R1 BiDi
DQ14 N3 BiDi
DQ15 R2 BiDi
DQ16 E8 BiDi
DQ17 D7 BiDi
DQ18 D8 BiDi
DQ19 B9 BiDi
DQ20 C8 BiDi
DQ21 A9 BiDi
DQ22 C7 BiDi
DQ23 A8 BiDi
DQ24 A2 BiDi
DQ25 C3 BiDi
DQ26 A1 BiDi
DQ27 C2 BiDi
DQ28 B1 BiDi
DQ29 D2 BiDi
DQ30 D3 BiDi
DQ31 E2 BiDi
DQM0 K9 Input
DQM1 K1 Input
DQM2 F8 Input
DQM3 F2 Input

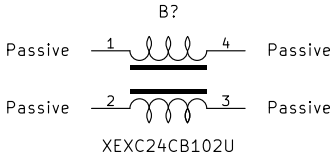
AUDIO

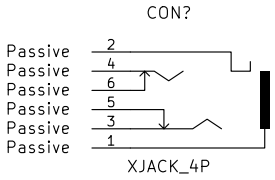
MIC?
2
1
Passive
Passive
XMICROPHONE

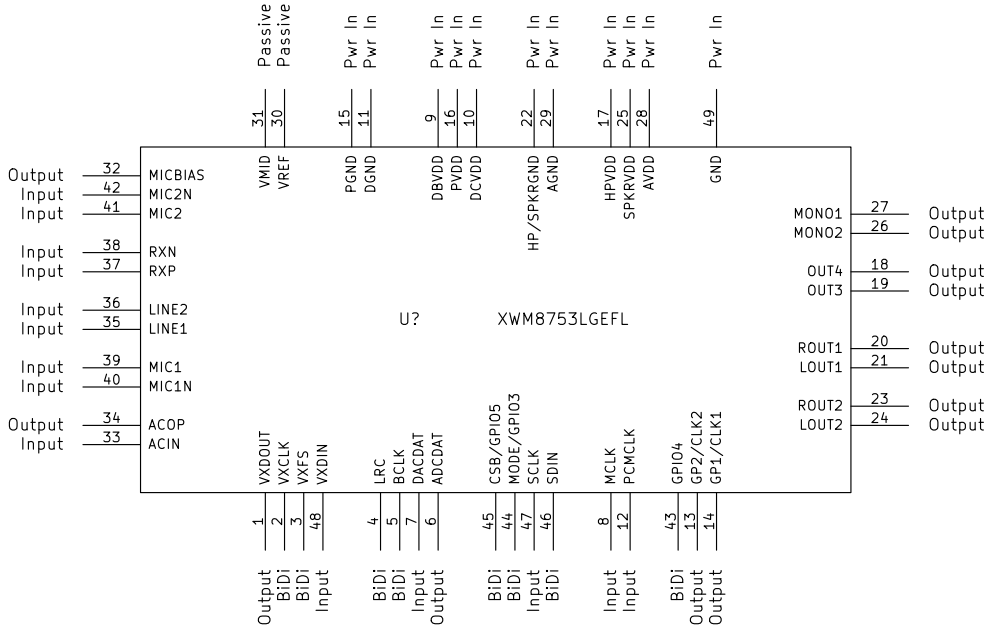

SP?
1
2
SPEAKER


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

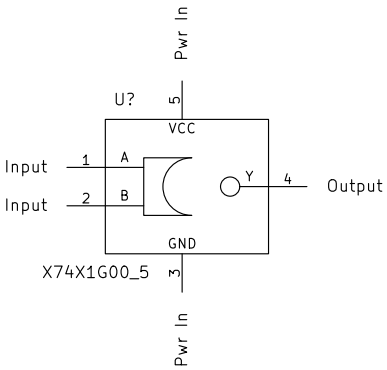
D?
Passive
Passive
XVARISTOR

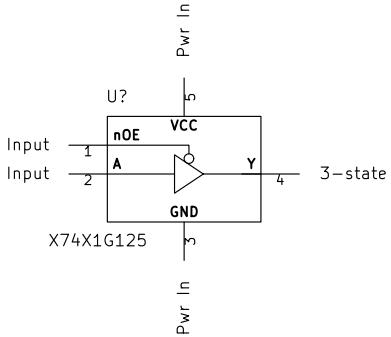

B?
Passive
1
4
Passive
Passive
2
3
Passive
XEXC24CB102U

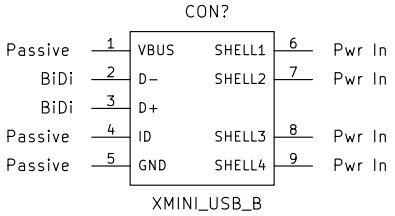

CON?
Passive
Passive
Passive
Passive
Passive
Passive
2
4
6
5
3
1
XJACK_4P

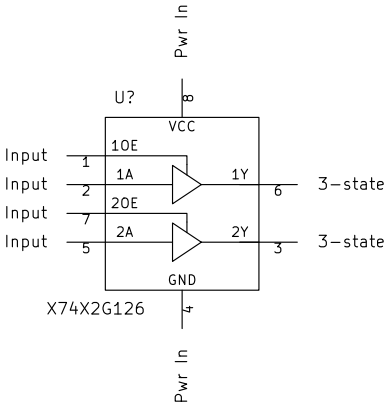

U?
XWM8753LGEFL
Output
Input
Input
Input
Input
Input
Output
Input
32
42
41
38
37
36
35
39
40
34
33
MICBIAS
MIC2N
MIC2
RXN
RXP
LINE2
LINE1
MIC1
MIC1N
ACOP
ACIN
Passive
Passive
31
30
VMID
VREF
Pwr In
Pwr In
15
11
PGND
DGND
Pwr In
Pwr In
Pwr In
9
16
10
DBVDD
PVDD
DCVDD
Pwr In
Pwr In
22
29
HP/SPKRGND
AGND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

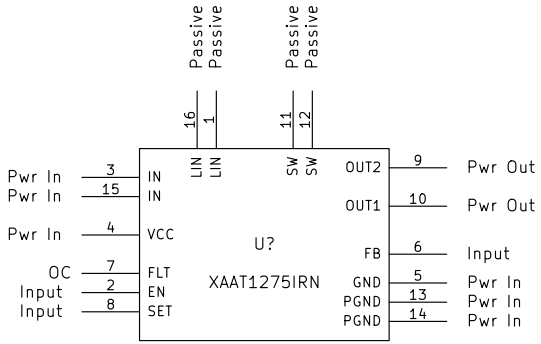
USB

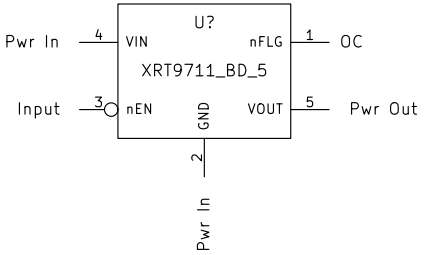

Pwr In
U?
5
VCC
Input
1
A
Input
2
B
Y
4
Output
GND
X74X1G00_5
3
Pwr In


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

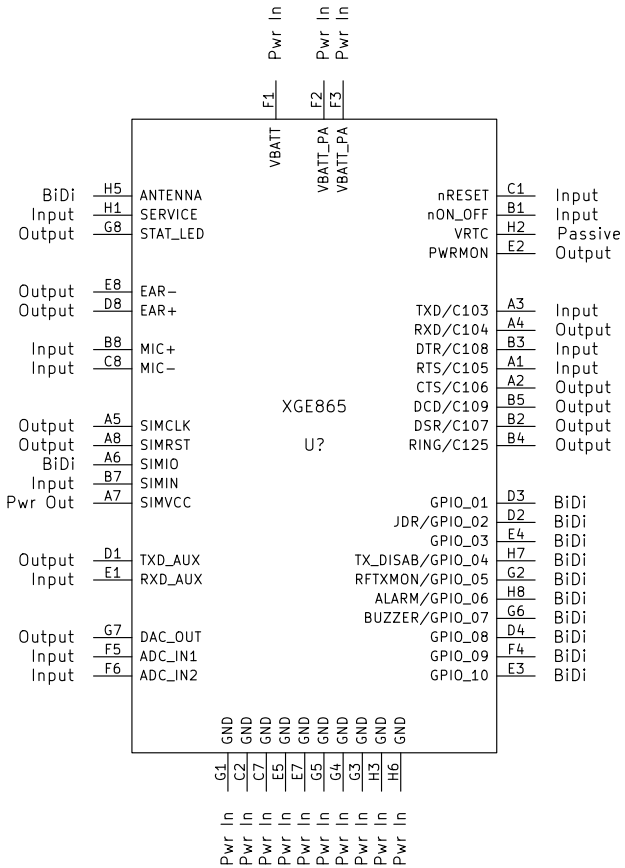

CON?
Passive
1
VBUS
SHELL1
6
Pwr In
BiDi
2
D-
SHELL2
7
Pwr In
BiDi
3
D+
Passive
4
ID
SHELL3
8
Pwr In
Passive
5
GND
SHELL4
9
Pwr In
XMINI_USB_B

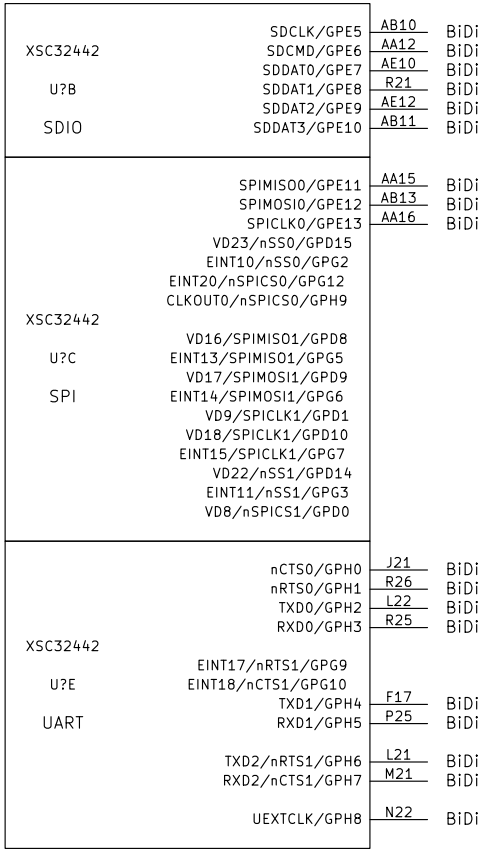

Pwr In
U?
8
VCC
Input
1
1OE
Input
2
1A
1Y
6
3-state
Input
7
2OE
Input
5
2A
2Y
3
3-state
GND
X74X2G126
4
Pwr In

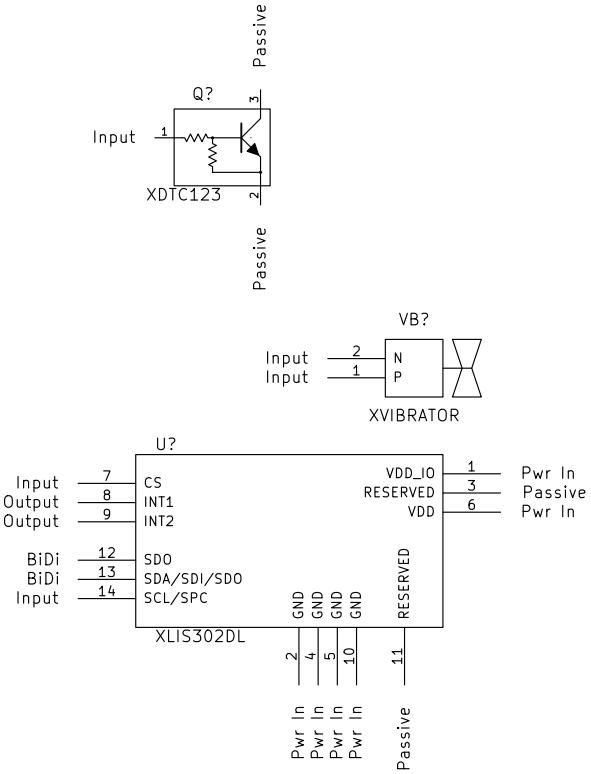

Passive
Passive
Passive
Passive
16
1
11
12
LIN
LIN
SW
SW
Pwr In
3
IN
OUT2
9
Pwr Out
Pwr In
15
IN
OUT1
10
Pwr Out
Pwr In
4
VCC
U?
FB
6
Input
OC
7
FLT
XAAT1275IRN
GND
5
Pwr In
Input
2
EN
PGND
13
Pwr In
Input
8
SET
PGND
14
Pwr In


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

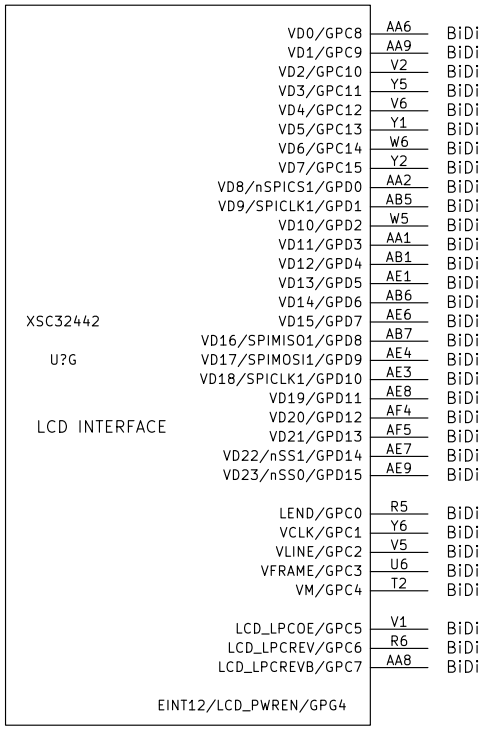
10

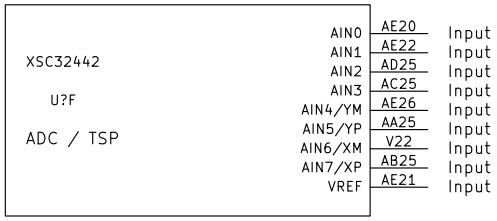

XGE865
U?
F1 VBATT Pwr In
F2 VBATT_PA Pwr In
F3 VBATT_PA Pwr In
H5 ANTENNA BiDi
H1 SERVICE Input
G8 STAT_LED Output
E8 EAR− Output
D8 EAR+ Output
B8 MIC+ Input
C8 MIC− Input
A5 SIMCLK Output
A8 SIMRST Output
A6 SIMIO BiDi
B7 SIMIN Input
A7 SIMVCC Pwr Out
D1 TXD_AUX Output
E1 RXD_AUX Input
G7 DAC_OUT Output
F5 ADC_IN1 Input
F6 ADC_IN2 Input
C1 nRESET Input
B1 nON_OFF Input
H2 VRTC Passive
E2 PWRMON Output
A3 TXD/C103 Input
A4 RXD/C104 Output
B3 DTR/C108 Input
A1 RTS/C105 Input
A2 CTS/C106 Output
B5 DCD/C109 Output
B2 DSR/C107 Output
B4 RING/C125 Output
D3 GPIO_01 BiDi
D2 JDR/GPIO_02 BiDi
E4 GPIO_03 BiDi
H7 TX_DISAB/GPIO_04 BiDi
G2 RFTXMON/GPIO_05 BiDi
H8 ALARM/GPIO_06 BiDi
G6 BUZZER/GPIO_07 BiDi
D4 GPIO_08 BiDi
F4 GPIO_09 BiDi
E3 GPIO_10 BiDi
G1 C2 C7 E5 E7 G5 G4 G3 H3 H6 GND
Pwr In

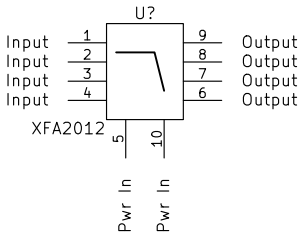

XSC32442
U?B
SDIO
SDCLK/GPE5 AB10 BiDi
SDCMD/GPE6 AA12 BiDi
SDDAT0/GPE7 AE10 BiDi
SDDAT1/GPE8 R21 BiDi
SDDAT2/GPE9 AE12 BiDi
SDDAT3/GPE10 AB11 BiDi
XSC32442
U?C
SPI
SPIMISO0/GPE11 AA15 BiDi
SPIMOSI0/GPE12 AB13 BiDi
SPICLK0/GPE13 AA16 BiDi
VD23/nSS0/GPD15
EINT10/nSS0/GPG2
EINT20/nSPICS0/GPG12
CLKOUT0/nSPICS0/GPH9
VD16/SPIMISO1/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
XSC32442
U?E
UART
nCTS0/GPH0 J21 BiDi
nRTS0/GPH1 R26 BiDi
TXD0/GPH2 L22 BiDi
RXD0/GPH3 R25 BiDi
EINT17/nRTS1/GPG9
EINT18/nCTS1/GPG10
TXD1/GPH4 F17 BiDi
RXD1/GPH5 P25 BiDi
TXD2/nRTS1/GPH6 L21 BiDi
RXD2/nCTS1/GPH7 M21 BiDi
UEXTCLK/GPH8 N22 BiDi

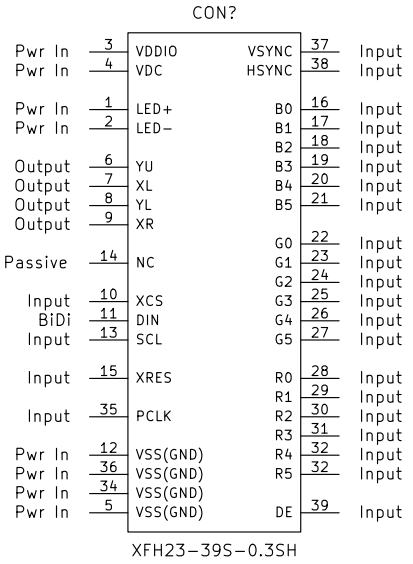

Q?
XDTC123
Input 1
3 Passive
2 Passive
VB?
XVIBRATOR
Input 2 N
Input 1 P
U?
XLIS302DL
Input 7 CS
Output 8 INT1
Output 9 INT2
BiDi 12 SDO
BiDi 13 SDA/SDI/SDO
Input 14 SCL/SPC
VDD_IO 1 Pwr In
RESERVED 3 Passive
VDD 6 Pwr In
GND GND GND GND RESERVED
2 4 5 10 11
Pwr In Pwr In Pwr In Pwr In Passive

LCM

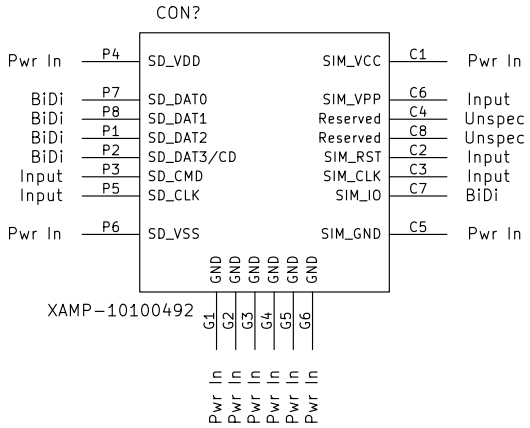

XSC32442
U?G
LCD INTERFACE
VD0/GPC8 AA6 BiDi
VD1/GPC9 AA9 BiDi
VD2/GPC10 V2 BiDi
VD3/GPC11 Y5 BiDi
VD4/GPC12 V6 BiDi
VD5/GPC13 Y1 BiDi
VD6/GPC14 W6 BiDi
VD7/GPC15 Y2 BiDi
VD8/nSPICS1/GPD0 AA2 BiDi
VD9/SPICLK1/GPD1 AB5 BiDi
VD10/GPD2 W5 BiDi
VD11/GPD3 AA1 BiDi
VD12/GPD4 AB1 BiDi
VD13/GPD5 AE1 BiDi
VD14/GPD6 AB6 BiDi
VD15/GPD7 AE6 BiDi
VD16/SPIMISO1/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
LCD_LPCOE/GPC5 V1 BiDi
LCD_LPCREV/GPC6 R6 BiDi
LCD_LPCREVB/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 1
Input 2
Input 3
Input 4
9 Output
8 Output
7 Output
6 Output
XFA2012
5 Pwr In
10 Pwr In

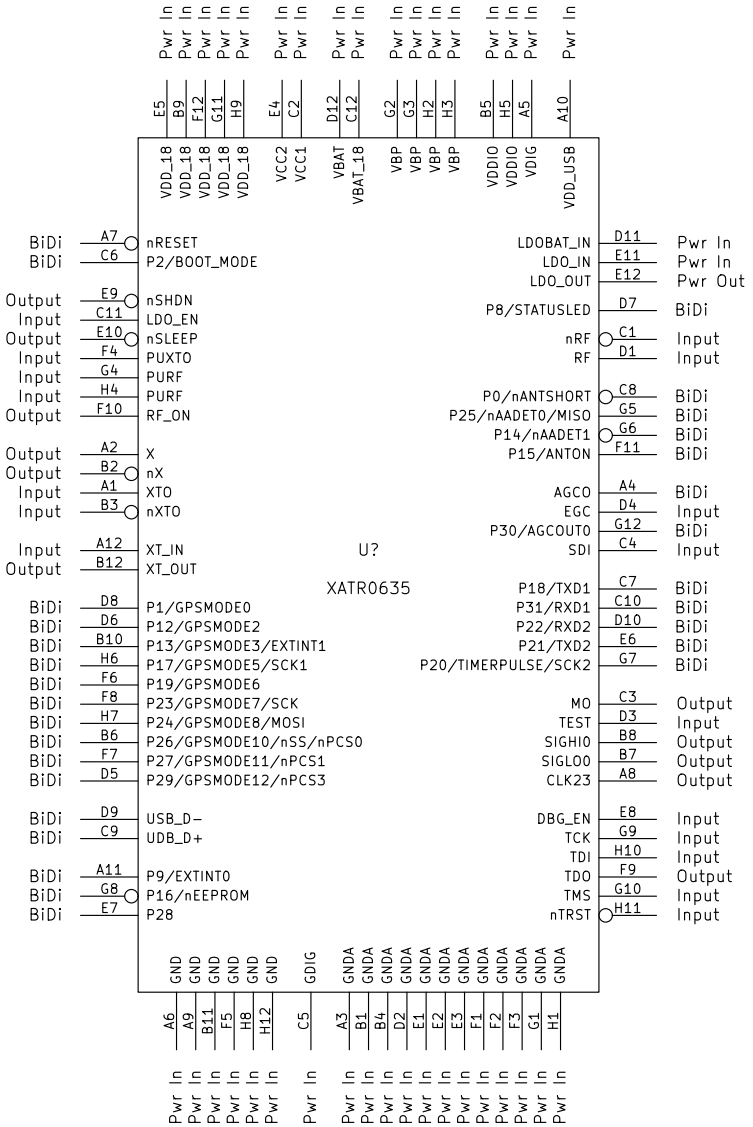

CON?
Pwr In 3 VDDIO
Pwr In 4 VDC
Pwr In 1 LED+
Pwr In 2 LED−
Output 6 YU
Output 7 XL
Output 8 YL
Output 9 XR
Passive 14 NC
Input 10 XCS
BiDi 11 DIN
Input 13 SCL
Input 15 XRES
Input 35 PCLK
Pwr In 12 VSS(GND)
Pwr In 36 VSS(GND)
Pwr In 34 VSS(GND)
Pwr In 5 VSS(GND)
VSYNC 37 Input
HSYNC 38 Input
B0 16 Input
B1 17 Input
B2 18 Input
B3 19 Input
B4 20 Input
B5 21 Input
G0 22 Input
G1 23 Input
G2 24 Input
G3 25 Input
G4 26 Input
G5 27 Input
R0 28 Input
R1 29 Input
R2 30 Input
R3 31 Input
R4 32 Input
R5 32 Input
DE 39 Input
XFH23−39S−0.3SH

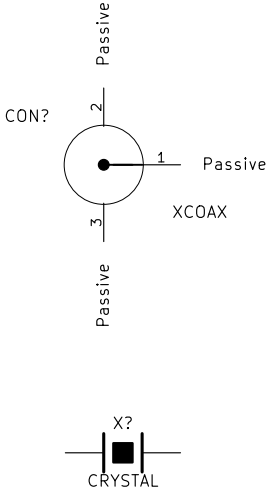
SD/SIM

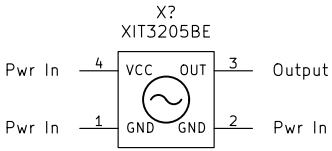


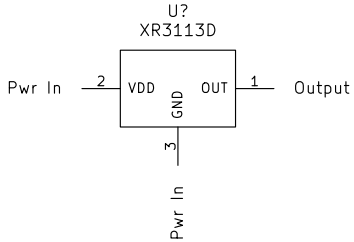
Note: G1 through G6 are called Grounding-I, II, III, IV, V, and VI in the data sheet.

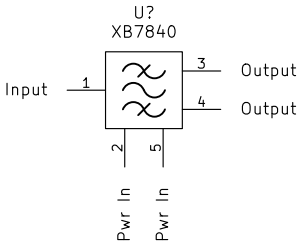
GPS

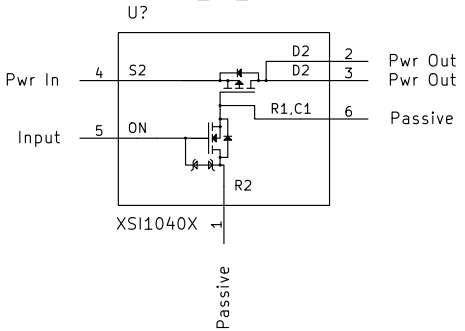

U?
XATR0635
VDD_18
VCC2
VCC1
VBAT
VBAT_18
VBP
VDDIO
VDIG
VDD_USB
GND
GDIG
GNDA
nRESET
P2/BOOT_MODE
nSHDN
LDO_EN
nSLEEP
PUXTO
PURF
PURF
RF_ON
X
nX
XTO
nXTO
XT_IN
XT_OUT
P1/GPSMODE0
P12/GPSMODE2
P13/GPSMODE3/EXTINT1
P17/GPSMODE5/SCK1
P19/GPSMODE6
P23/GPSMODE7/SCK
P24/GPSMODE8/MOSI
P26/GPSMODE10/nSS/nPCS0
P27/GPSMODE11/nPCS1
P29/GPSMODE12/nPCS3
USB_D−
UDB_D+
P9/EXTINT0
P16/nEEPROM
P28
LDOBAT_IN
LDO_IN
LDO_OUT
P8/STATUSLED
nRF
RF
P0/nANTSHORT
P25/nAADET0/MISO
P14/nAADET1
P15/ANTON
AGCO
EGC
P30/AGCOUT0
SDI
P18/TXD1
P31/RXD1
P22/RXD2
P21/TXD2
P20/TIMERPULSE/SCK2
MO
TEST
SIGHI0
SIGLO0
CLK23
DBG_EN
TCK
TDI
TDO
TMS
nTRST

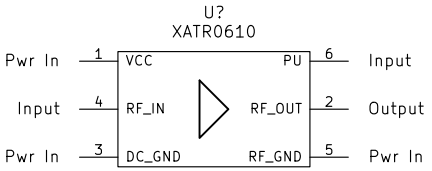

CON?
Passive
Passive
Passive
XCOAX
X?
CRYSTAL


X?
XIT3205BE
Pwr In
Pwr In
VCC
GND
OUT
GND
Output
Pwr In

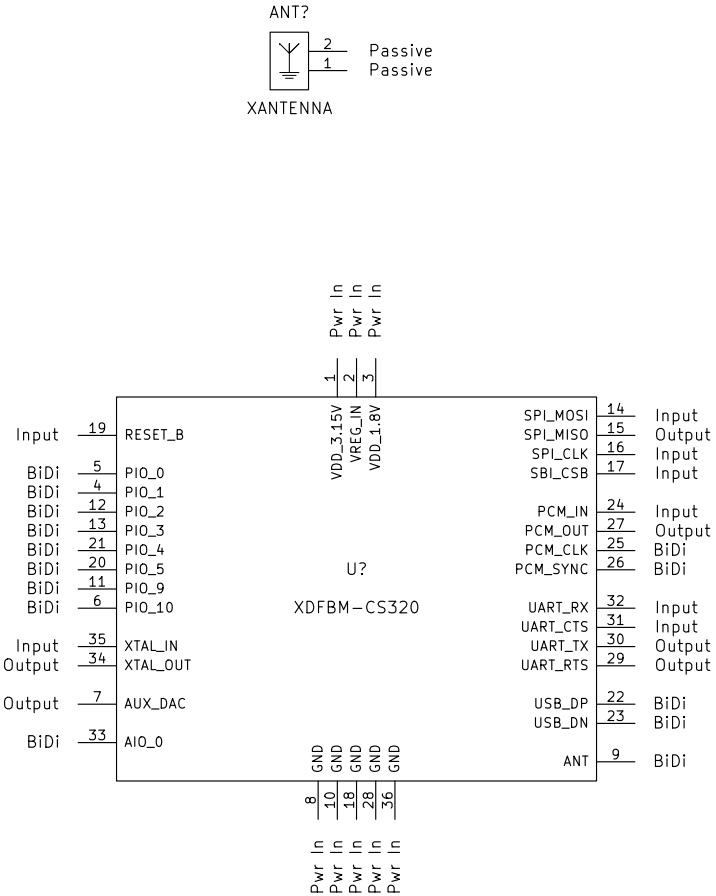

U?
XR3113D
Pwr In
VDD
GND
OUT
Output
Pwr In


U?
XB7840
Input
Output
Output
Pwr In
Pwr In

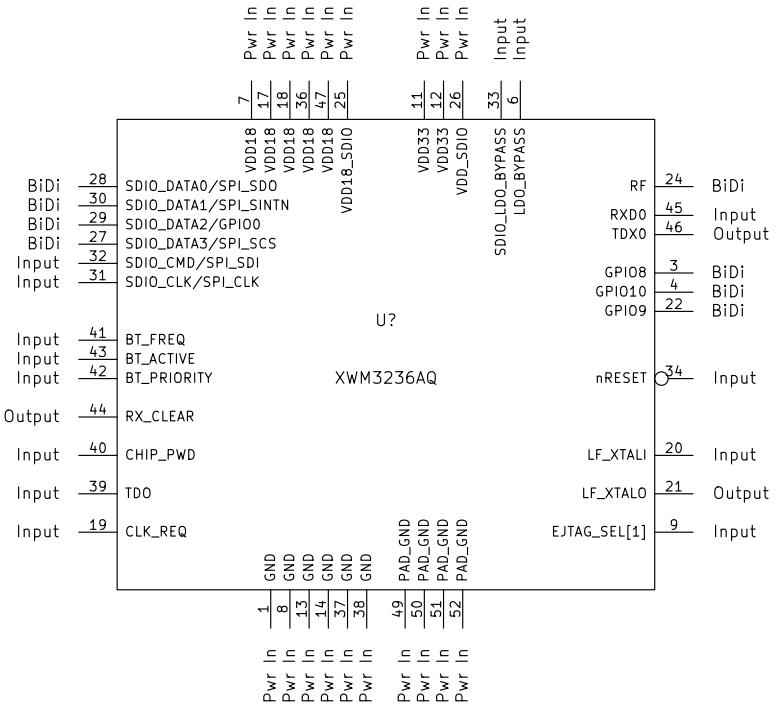

U?
Pwr In
S2
D2
D2
Pwr Out
Pwr Out
R1,C1
Passive
Input
ON
R2
XSI1040X
Passive

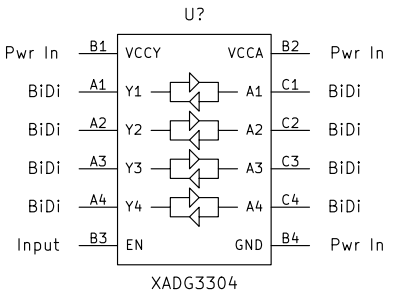

U?
XATR0610
Pwr In
Input
Pwr In
VCC
RF_IN
DC_GND
PU
RF_OUT
RF_GND
Input
Output
Pwr In

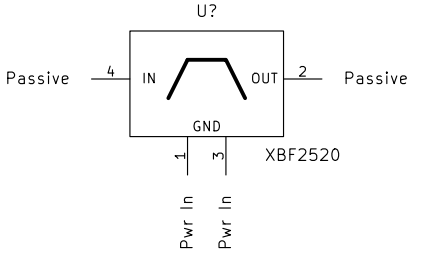
BT


ANT?
2
1
Passive
Passive
XANTENNA
U?
XDFBM-CS320
Pwr In
Pwr In
Pwr In
1
2
3
VDD_3.15V
VREG_IN
VDD_1.8V
Input
19
RESET_B
BiDi
5
PIO_0
BiDi
4
PIO_1
BiDi
12
PIO_2
BiDi
13
PIO_3
BiDi
21
PIO_4
BiDi
20
PIO_5
BiDi
11
PIO_9
BiDi
6
PIO_10
Input
35
XTAL_IN
Output
34
XTAL_OUT
Output
7
AUX_DAC
BiDi
33
AIO_0
SPI_MOSI
14
Input
SPI_MISO
15
Output
SPI_CLK
16
Input
SBI_CSB
17
Input
PCM_IN
24
Input
PCM_OUT
27
Output
PCM_CLK
25
BiDi
PCM_SYNC
26
BiDi
UART_RX
32
Input
UART_CTS
31
Input
UART_TX
30
Output
UART_RTS
29
Output
USB_DP
22
BiDi
USB_DN
23
BiDi
ANT
9
BiDi
GND
GND
GND
GND
GND
8
10
18
28
36
Pwr In
Pwr In
Pwr In
Pwr In
Pwr In

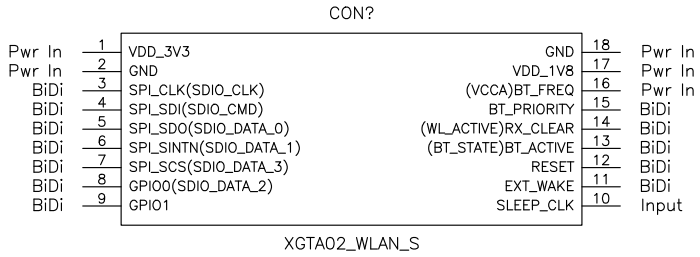
WLAN

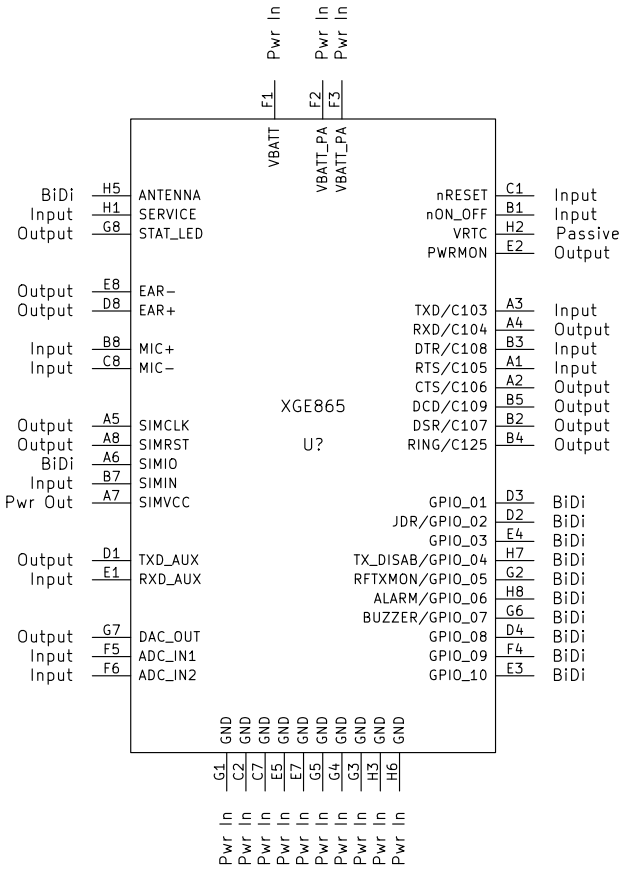

U?
XWM3236AQ
Pwr In
Pwr In
Pwr In
Pwr In
Pwr In
7
17
18
36
47
25
VDD18
VDD18
VDD18
VDD18
VDD18_SDIO
Pwr In
Pwr In
Pwr In
11
12
26
VDD33
VDD33
VDD_SDIO
Input
Input
33
6
SDIO_LDO_BYPASS
LDO_BYPASS
BiDi
28
SDIO_DATA0/SPI_SDO
BiDi
30
SDIO_DATA1/SPI_SINTN
BiDi
29
SDIO_DATA2/GPIO0
BiDi
27
SDIO_DATA3/SPI_SCS
Input
32
SDIO_CMD/SPI_SDI
Input
31
SDIO_CLK/SPI_CLK
Input
41
BT_FREQ
Input
43
BT_ACTIVE
Input
42
BT_PRIORITY
Output
44
RX_CLEAR
Input
40
CHIP_PWD
Input
39
TDO
Input
19
CLK_REQ
RF
24
BiDi
RXD0
45
Input
TDX0
46
Output
GPIO8
3
BiDi
GPIO10
4
BiDi
GPIO9
22
BiDi
nRESET
34
Input
LF_XTALI
20
Input
LF_XTALO
21
Output
EJTAG_SEL[1]
9
Input
GND
GND
GND
GND
GND
1
8
13
14
37
38
PAD_GND
PAD_GND
PAD_GND
PAD_GND
49
50
51
52
Pwr In
Pwr In
Pwr In
Pwr In
Pwr In
Pwr In
Pwr In
Pwr In
Pwr In
Pwr In

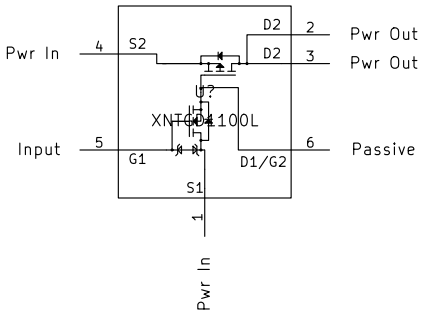

U?
XADG3304
Pwr In
B1
VCCY
VCCA
B2
Pwr In
BiDi
A1
Y1
A1
C1
BiDi
BiDi
A2
Y2
A2
C2
BiDi
BiDi
A3
Y3
A3
C3
BiDi
BiDi
A4
Y4
A4
C4
BiDi
Input
B3
EN
GND
B4
Pwr In


U?
XBF2520
Passive
4
IN
OUT
2
Passive
GND
1
3
Pwr In
Pwr In

WLAN


CON?
Pwr In 1 VDD_3V3
Pwr In 2 GND
BiDi 3 SPI_CLK(SDIO_CLK)
BiDi 4 SPI_SDI(SDIO_CMD)
BiDi 5 SPI_SDO(SDIO_DATA_0)
BiDi 6 SPI_SINTN(SDIO_DATA_1)
BiDi 7 SPI_SCS(SDIO_DATA_3)
BiDi 8 GPIO0(SDIO_DATA_2)
BiDi 9 GPIO1
18 GND Pwr In
17 VDD_1V8 Pwr In
16 (VCCA)BT_FREQ Pwr In
15 BT_PRIORITY BiDi
14 (WL_ACTIVE)RX_CLEAR BiDi
13 (BT_STATE)BT_ACTIVE BiDi
12 RESET BiDi
11 EXT_WAKE BiDi
10 SLEEP_CLK Input
XGTA02_WLAN_S


XGE865
U?
F1 VBATT Pwr In
F2 VBATT_PA Pwr In
F3 VBATT_PA Pwr In
H5 ANTENNA BiDi
H1 SERVICE Input
G8 STAT_LED Output
E8 EAR− Output
D8 EAR+ Output
B8 MIC+ Input
C8 MIC− Input
A5 SIMCLK Output
A8 SIMRST Output
A6 SIMIO BiDi
B7 SIMIN Input
A7 SIMVCC Pwr Out
D1 TXD_AUX Output
E1 RXD_AUX Input
G7 DAC_OUT Output
F5 ADC_IN1 Input
F6 ADC_IN2 Input
C1 nRESET Input
B1 nON_OFF Input
H2 VRTC Passive
E2 PWRMON Output
A3 TXD/C103 Input
A4 RXD/C104 Output
B3 DTR/C108 Input
A1 RTS/C105 Input
A2 CTS/C106 Output
B5 DCD/C109 Output
B2 DSR/C107 Output
B4 RING/C125 Output
D3 GPIO_01 BiDi
D2 JDR/GPIO_02 BiDi
E4 GPIO_03 BiDi
H7 TX_DISAB/GPIO_04 BiDi
G2 RFTXMON/GPIO_05 BiDi
H8 ALARM/GPIO_06 BiDi
G6 BUZZER/GPIO_07 BiDi
D4 GPIO_08 BiDi
F4 GPIO_09 BiDi
E3 GPIO_10 BiDi
G1 GND Pwr In
C2 GND Pwr In
C7 GND Pwr In
E5 GND Pwr In
E7 GND Pwr In
G5 GND Pwr In
G4 GND Pwr In
G3 GND Pwr In
H3 GND Pwr In
H6 GND Pwr In


Pwr In
4 S2
D2 2 Pwr Out
D2 3 Pwr Out
G?
XNTGD4100L
Input 5
G1
D1/G2 6 Passive
S1
1
Pwr In