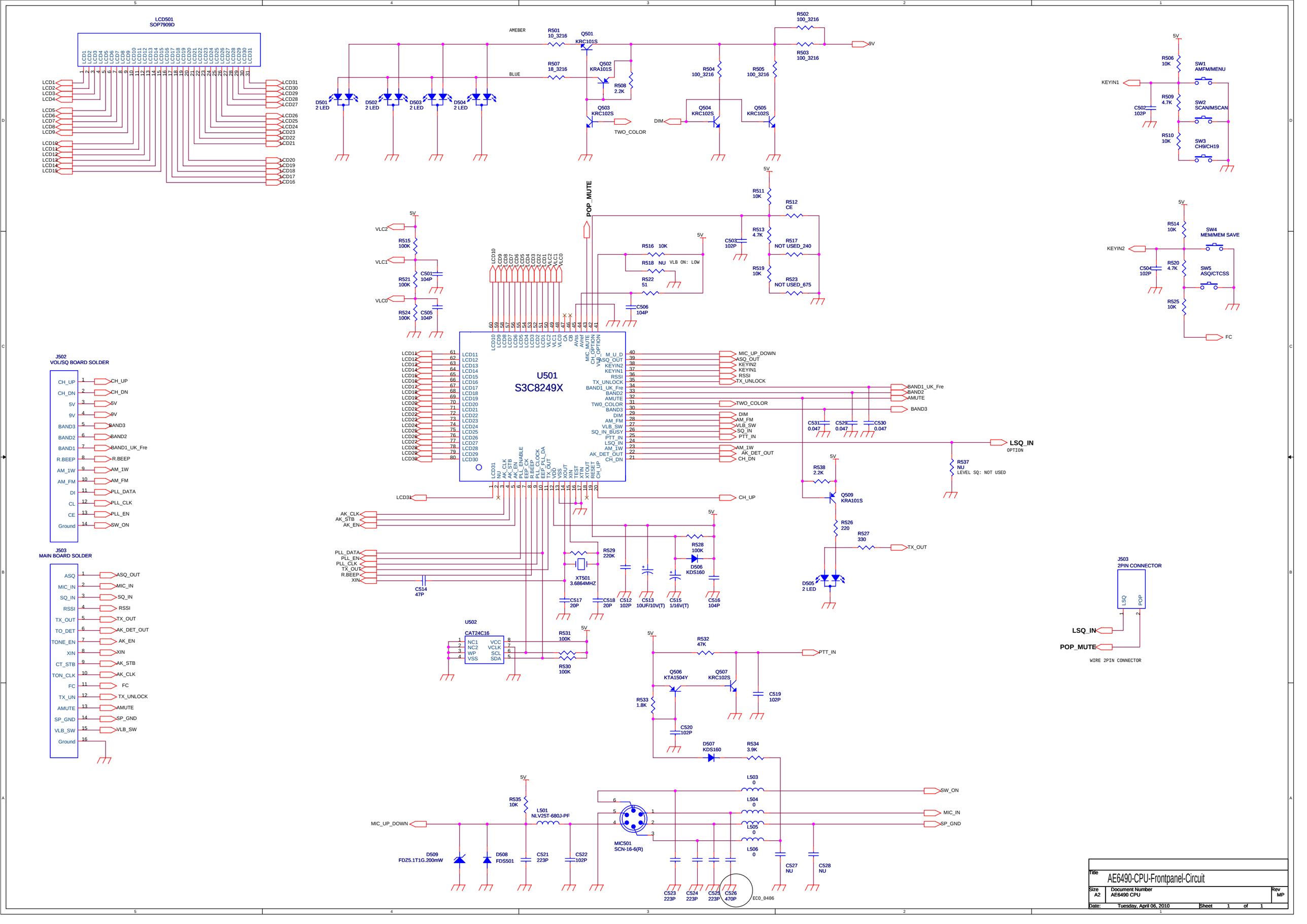
LCD501
SOP7909D
AMEBER
BLUE
R501 10_3216
Q501 KRC101S
Q502 KRA101S
R507 18_3216
R508 2.2K
Q503 KRC102S
TWO_COLOR
D501 2 LED
D502 2 LED
D503 2 LED
D504 2 LED
R502 100_3216
R503 100_3216
9V
R504 100_3216
R505 100_3216
Q504 KRC102S
Q505 KRC102S
DIM
R506 10K
SW1 AMFM/MENU
KEYIN1
R509 4.7K
C502 102P
SW2 SCAN/MSCAN
R510 10K
SW3 CH9/CH19
R511 10K
R512 CE
R513 4.7K
R517 NOT USED_240
R519 10K
R523 NOT USED_675
C503 102P
POP_MUTE
R516 10K
R518 NU VLB ON: LOW
R522 51
C506 104P
R514 10K
SW4 MEM/MEM SAVE
KEYIN2
C504 102P
R520 4.7K
SW5 ASQ/CTCSS
R525 10K
FC
VLC2
VLC1
VLC0
R515 100K
C501 104P
R521 100K
R524 100K
C505 104P
U501
S3C8249X
MIC_UP_DOWN
ASQ_OUT
KEYIN2
KEYIN1
RSSI
TX_UNLOCK
BAND1_UK_Fre
BAND2
AMUTE
TWO_COLOR
BAND3
DIM
AM_FM
VLB_SW
SQ_IN
PTT_IN
LSQ_IN
AM_1W
AK_DET_OUT
CH_DN
CH_UP
C531 0.047
C529 0.047
C530 0.047
LSQ_IN
OPTION
R537 NU
LEVEL SQ: NOT USED
R538 2.2K
Q509 KRA101S
R526 220
R527 330
TX_OUT
D505 2 LED
J502
VOL/SQ BOARD SOLDER
CH_UP
CH_DN
5V
9V
BAND3
BAND2
BAND1
R.BEEP
AM_1W
AM_FM
DI
CL
CE
Ground
PLL_DATA
PLL_CLK
PLL_EN
SW_ON
J503
MAIN BOARD SOLDER
ASQ
MIC_IN
SQ_IN
RSSI
TX_OUT
TO_DET
TONE_EN
XIN
CT_STB
TON_CLK
FC
TX_UN
AMUTE
SP_GND
VLB_SW
Ground
ASQ_OUT
MIC_IN
SQ_IN
RSSI
TX_OUT
AK_DET_OUT
AK_EN
XIN
AK_STB
AK_CLK
FC
TX_UNLOCK
AMUTE
SP_GND
VLB_SW
LCD31
AK_CLK
AK_STB
AK_EN
PLL_DATA
PLL_EN
PLL_CLK
TX_OUT
R.BEEP
XIN
C514 47P
R529 220K
XT501 3.6864MHZ
C517 20P
C518 20P
C512 102P
C513 10UF/10V(T)
C515 1/16V(T)
R528 100K
D506 KDS160
C516 104P
U502
CAT24C16
NC1
NC2
WP
VSS
VCC
VCLK
SCL
SDA
R531 100K
R530 100K
R532 47K
PTT_IN
Q506 KTA1504Y
Q507 KRC102S
R533 1.8K
C519 102P
C520 102P
D507 KDS160
R534 3.9K
J503
2PIN CONNECTOR
LSQ
POP
LSQ_IN
POP_MUTE
WIRE 2PIN CONNECTOR
R535 10K
L501 NLV25T-680J-PF
MIC_UP_DOWN
MIC501 SCN-16-6(R)
L503 0
L504 0
L505 0
L506 0
SW_ON
MIC_IN
SP_GND
D509 FDZ5.1T1G.200mW
D508 FDS501
C521 223P
C522 102P
C523 223P
C524 223P
C525 223P
C526 470P
C527 NU
C528 NU
ECO_0486
Title
AE6490-CPU-Frontpanel-Circuit
Size A2
Document Number AE6490 CPU
Rev MP
Date: Tuesday, April 06, 2010
Sheet 1 of 1