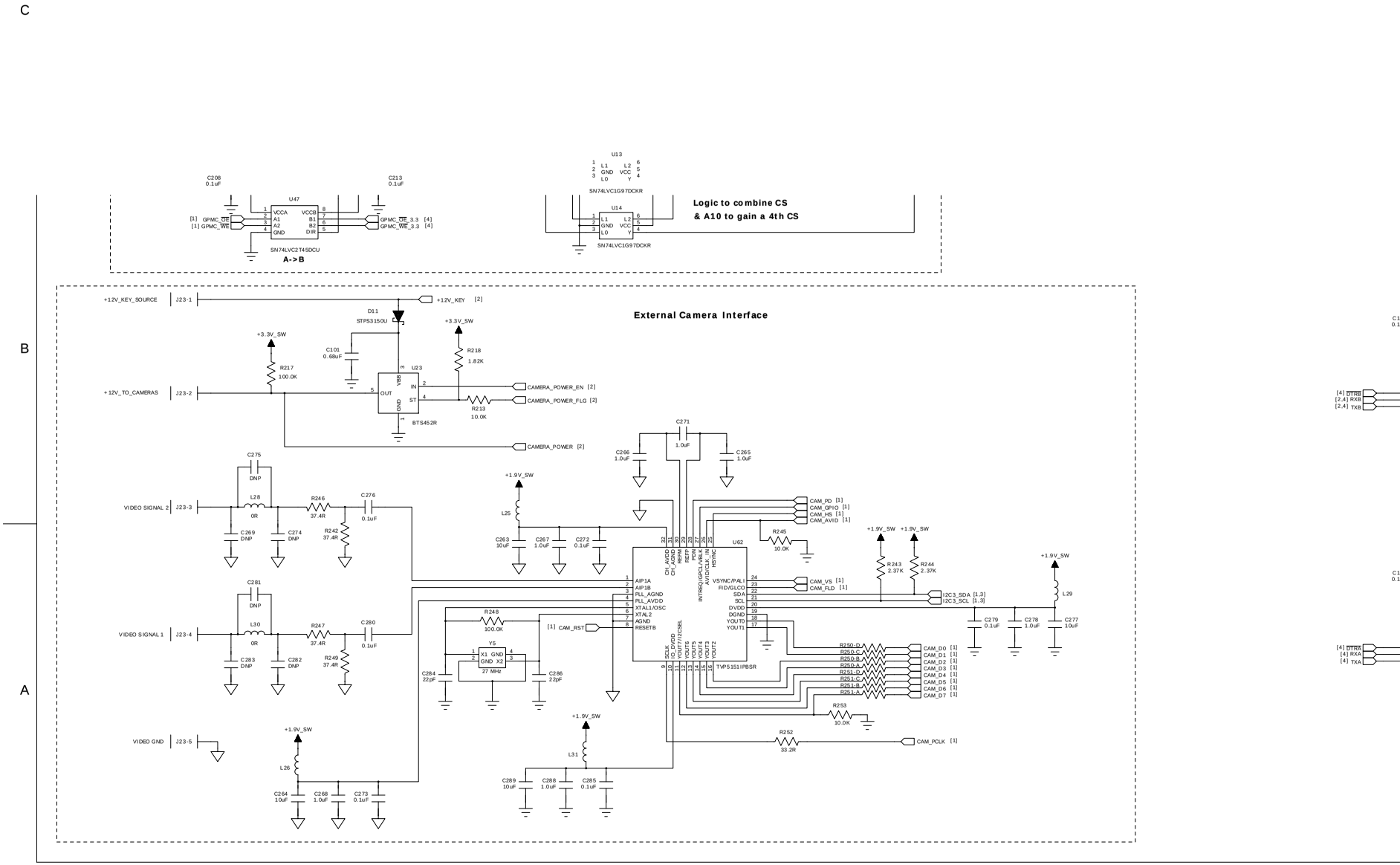
C
B
A
C208 0.1uF
C213 0.1uF
U47
VCCA
A1
A2
GND
VCCB
B1
B2
DIR
GPMC_OE
GPMC_WE
GPMC_OE_3.3
GPMC_WE_3.3
SN74LVC2T45DCU
A->B
U13
L1
GND
L0
L2
VCC
Y
SN74LVC1G97DCKR
U14
Logic to combine CS
& A10 to gain a 4th CS
External Camera Interface
+12V_KEY_SOURCE
J23-1
+12V_KEY
D11
STPS3150U
+3.3V_SW
R217 100.0K
C101 0.68uF
U23
VBB
OUT
GND
IN
ST
BTS452R
R218 1.82K
R213 10.0K
CAMERA_POWER_EN
CAMERA_POWER_FLG
CAMERA_POWER
+12V_TO_CAMERAS
J23-2
VIDEO SIGNAL 2
J23-3
VIDEO SIGNAL 1
J23-4
VIDEO GND
J23-5
C275 DNP
L28 0R
C269 DNP
C274 DNP
R246 37.4R
R242 37.4R
C276 0.1uF
C281 DNP
L30 0R
C283 DNP
C282 DNP
R247 37.4R
R249 37.4R
C280 0.1uF
+1.9V_SW
L25
L26
L31
L29
C263 10uF
C267 1.0uF
C272 0.1uF
C264 10uF
C268 1.0uF
C273 0.1uF
C289 10uF
C288 1.0uF
C285 0.1uF
C271 1.0uF
C266 1.0uF
C265 1.0uF
U62
TVP5151IPBSR
CH_AVDD
CH_AGND
REFM
REFP
REFN
AVDD/CLK_IN
ISENC
INTREQ/GPCL/VBLK
VSYNC/PALI
FID/GLCO
SDA
SCL
DVDD
DGND
YOUT0
YOUT1
AIP1A
AIP1B
PLL_AGND
PLL_AVDD
XTAL1/OSC
XTAL2
AGND
RESETB
SCLK
DVDD
YOUT7/I2CSEL
YOUT6
YOUT5
YOUT4
YOUT3
YOUT2
CAM_PD
CAM_GPIO
CAM_HS
CAM_AVID
CAM_VS
CAM_FLD
I2C3_SDA
I2C3_SCL
CAM_D0
CAM_D1
CAM_D2
CAM_D3
CAM_D4
CAM_D5
CAM_D6
CAM_D7
CAM_PCLK
CAM_RST
R245 10.0K
R243 2.37K
R244 2.37K
R248 100.0K
Y5
X1 GND
GND X2
27 MHz
C284 22pF
C286 22pF
R250-D
R250-C
R250-B
R250-A
R251-D
R251-C
R251-B
R251-A
R253 10.0K
R252 33.2R
C279 0.1uF
C278 1.0uF
C277 10uF
DTRB
RXB
TXB
DTRA
RXA
TXA