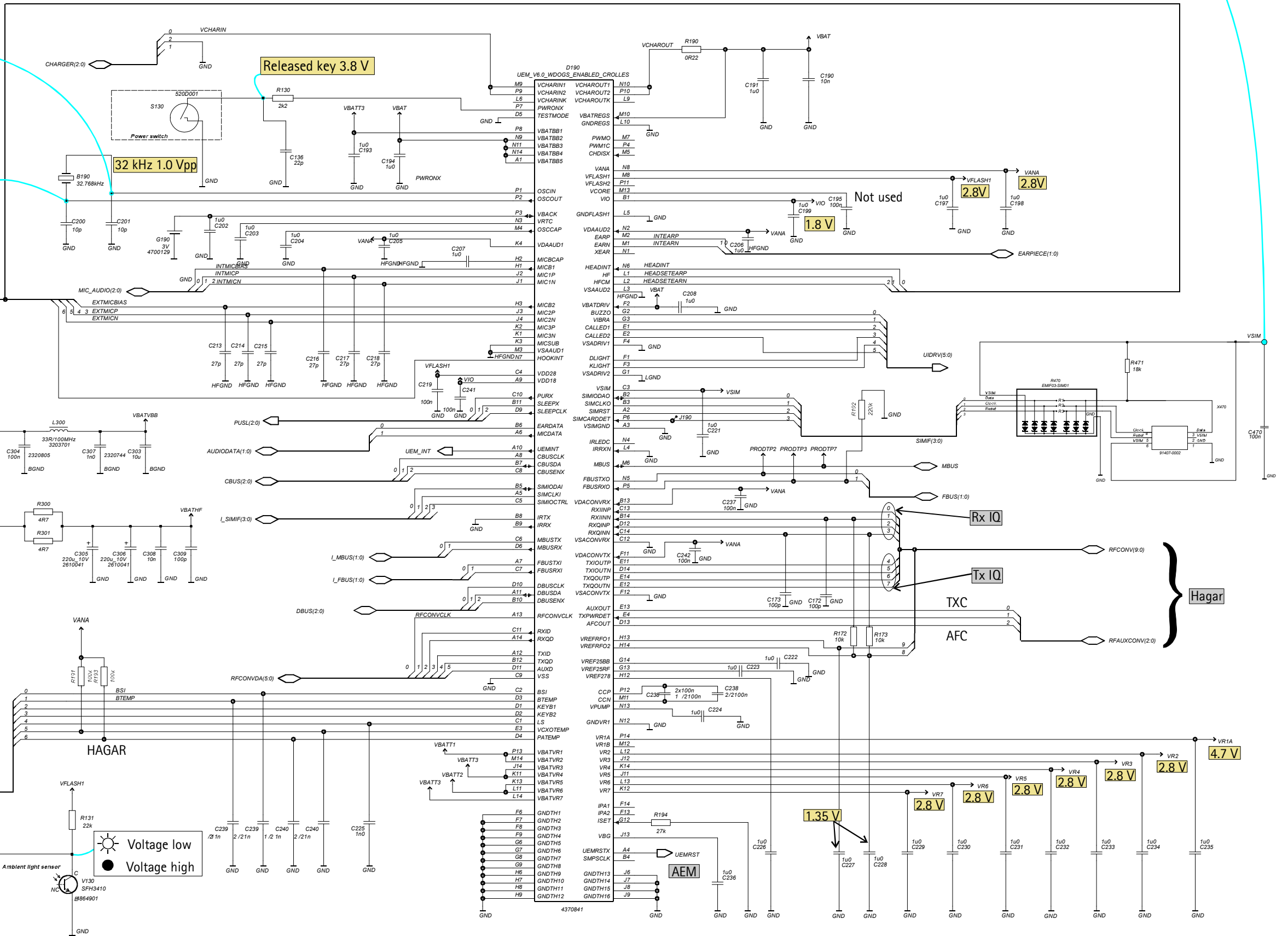
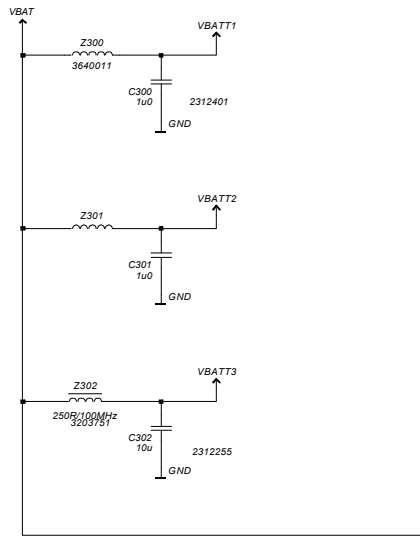
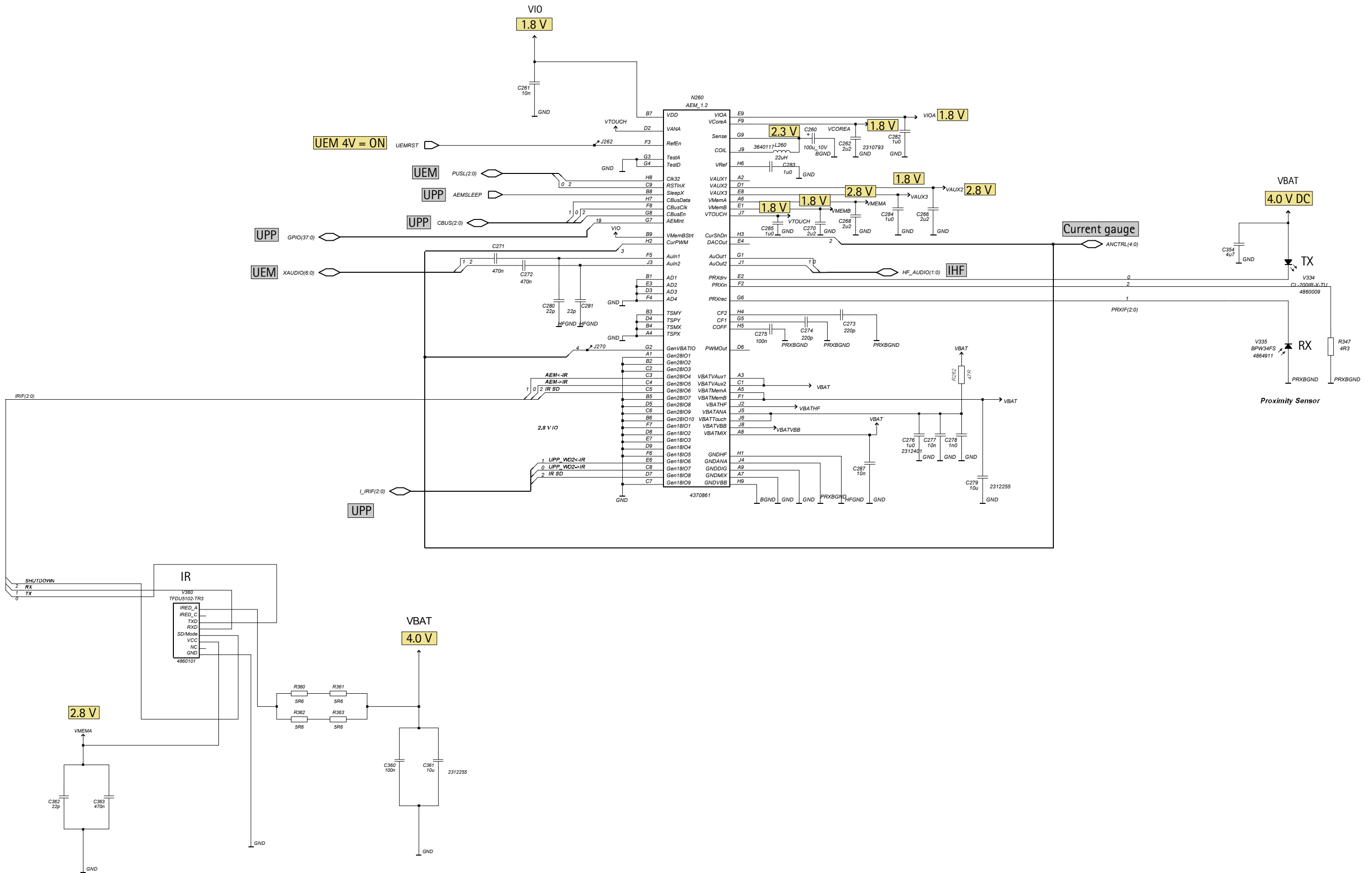


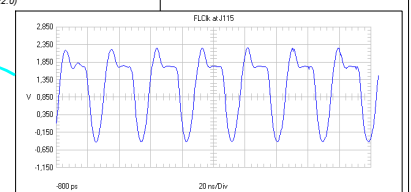
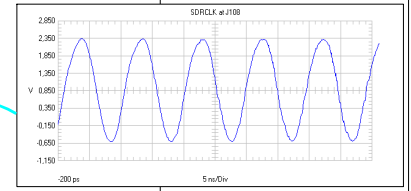
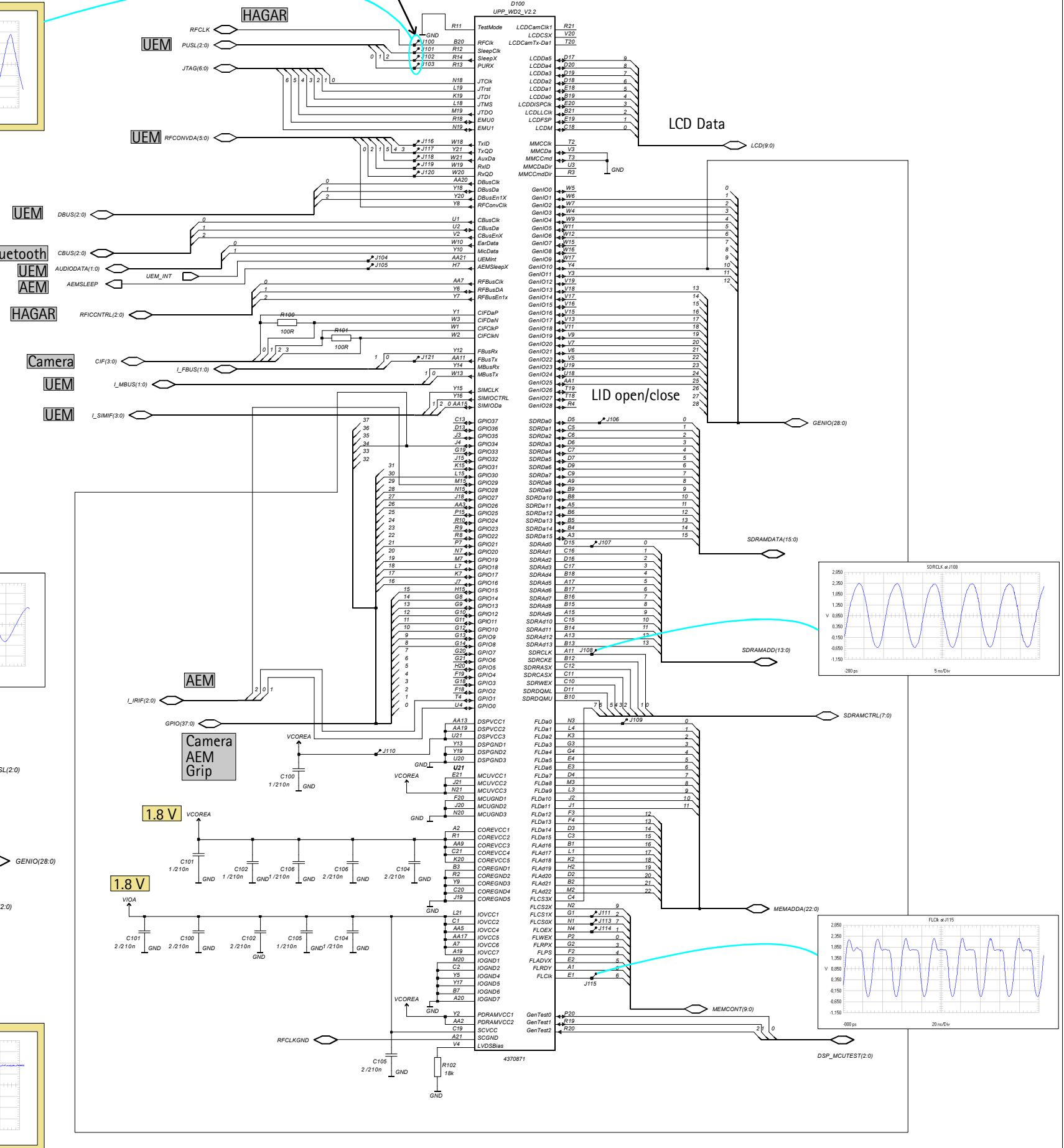
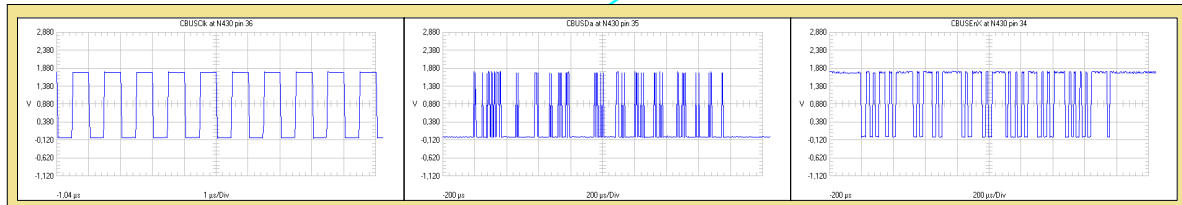
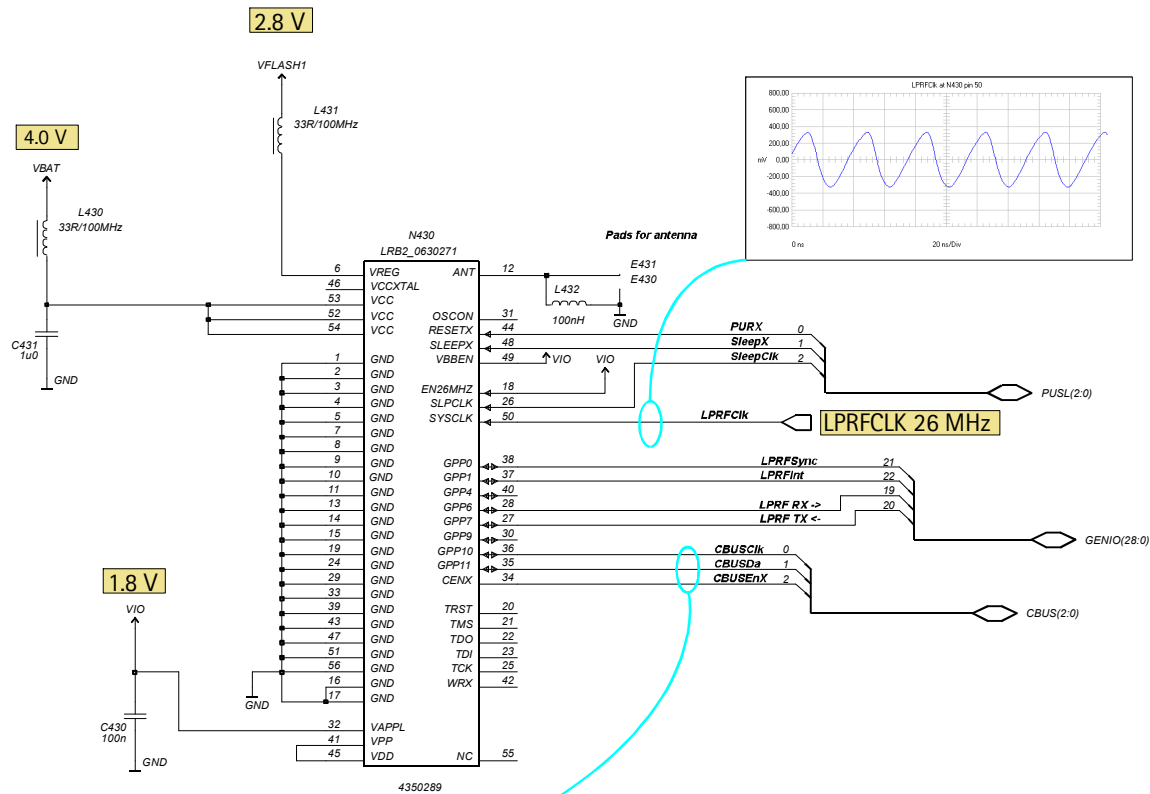
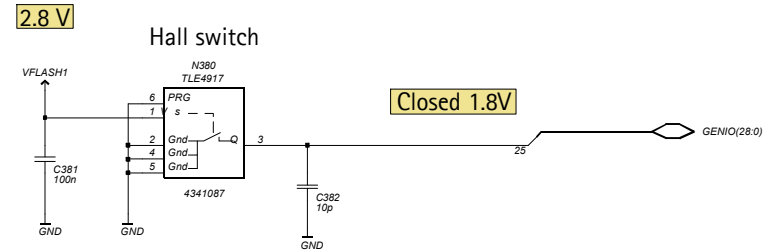
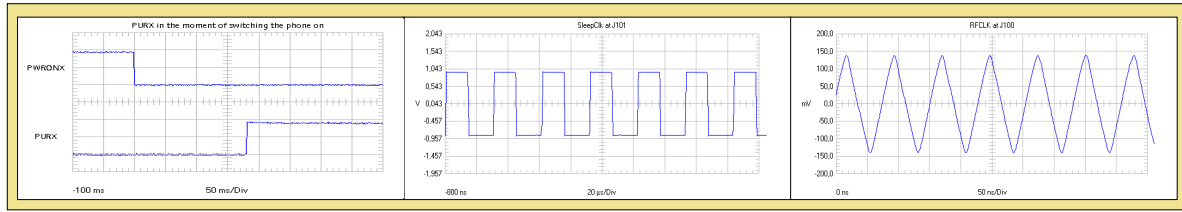
Power input filtering



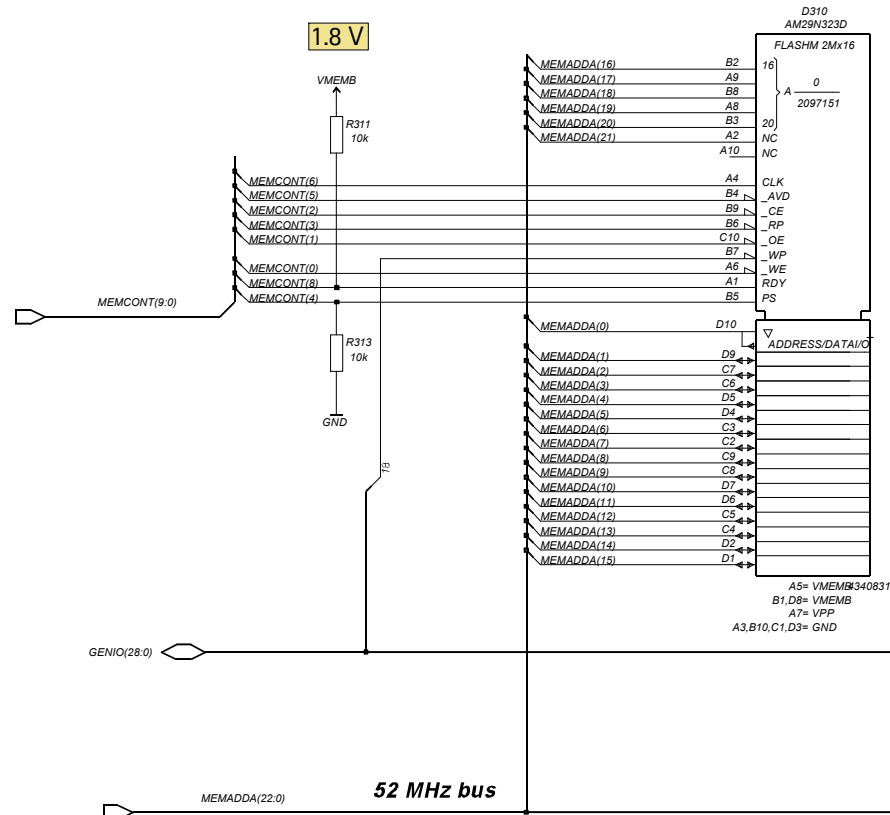
Hagar



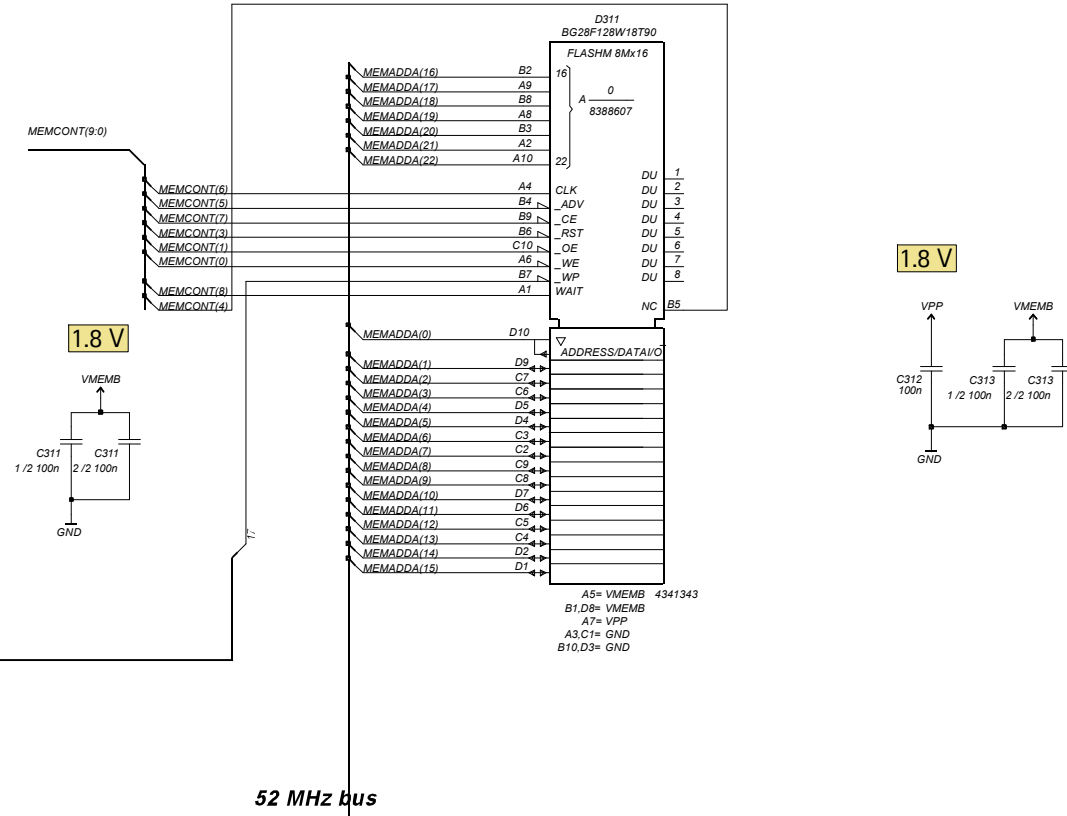
J100 13MHz 300 mVpp
 J101 1.8 Vpp 32 kHz squarewave
 J102 Sleepx 1.8 V = active mode, 0 V = sleep mode
 J103 Purx Reset mode if J103 = 0V, else 1.8 V



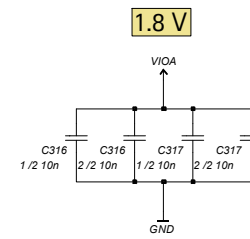
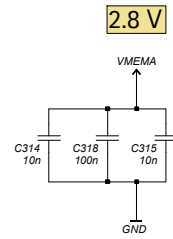
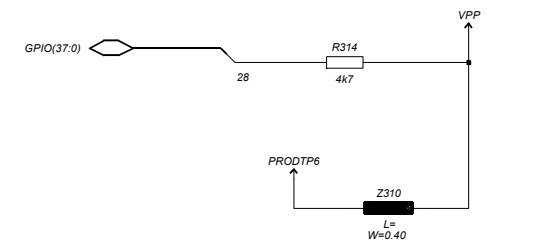
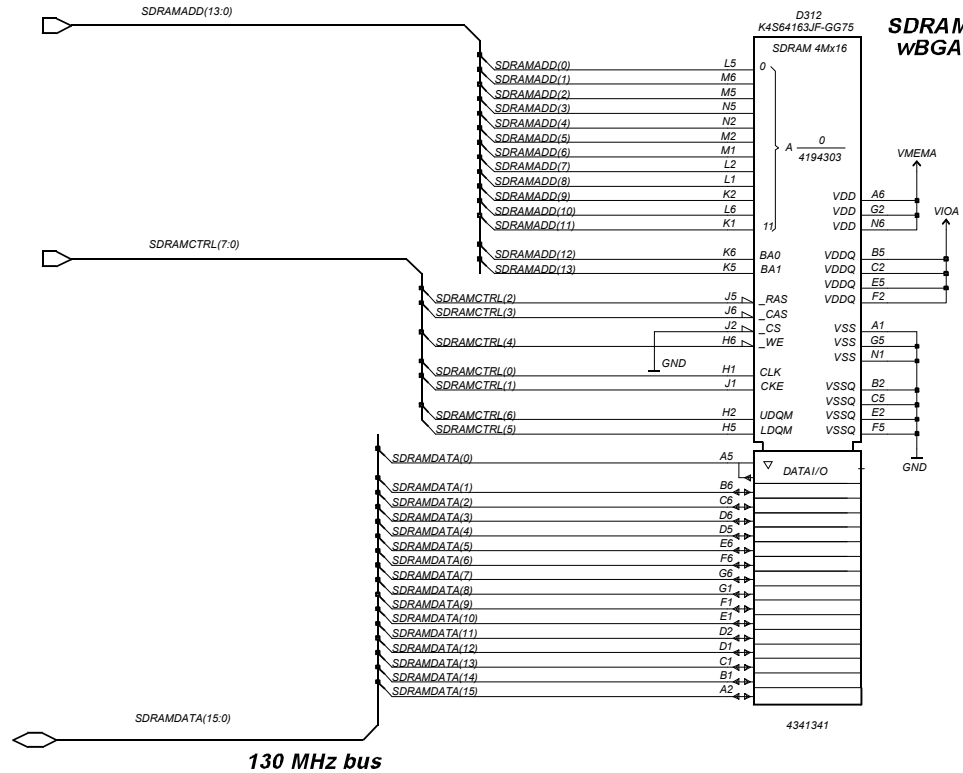
Flash1 AMD/Intel/ST 32Mbit

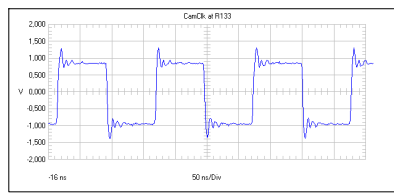
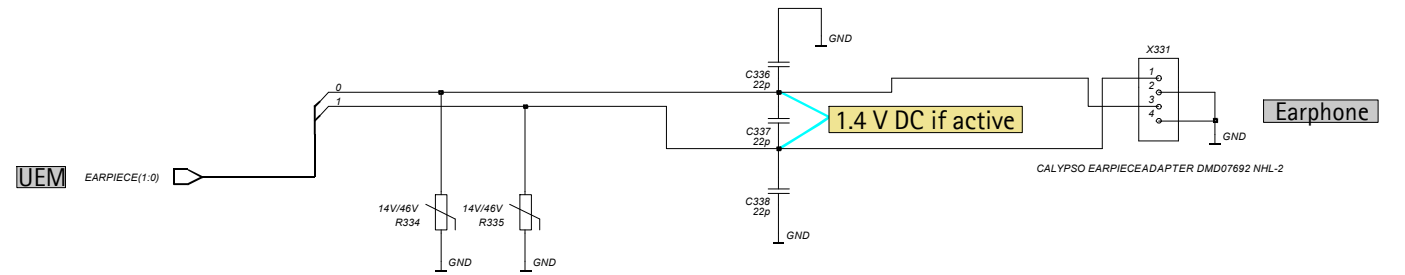
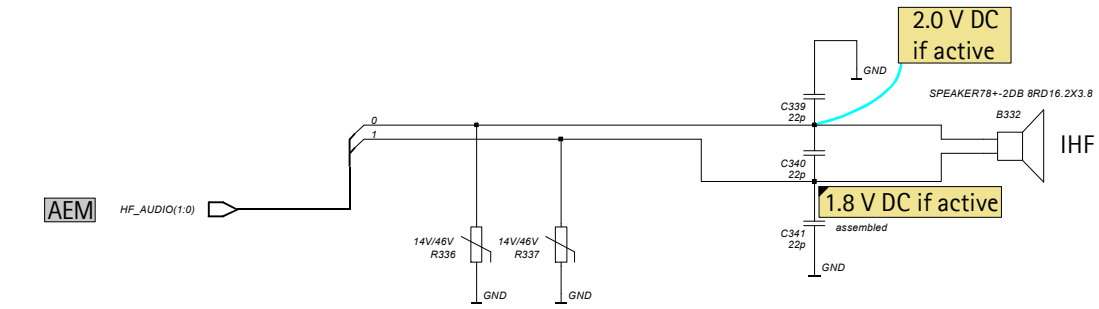


Flash0 Intel 128Mbit

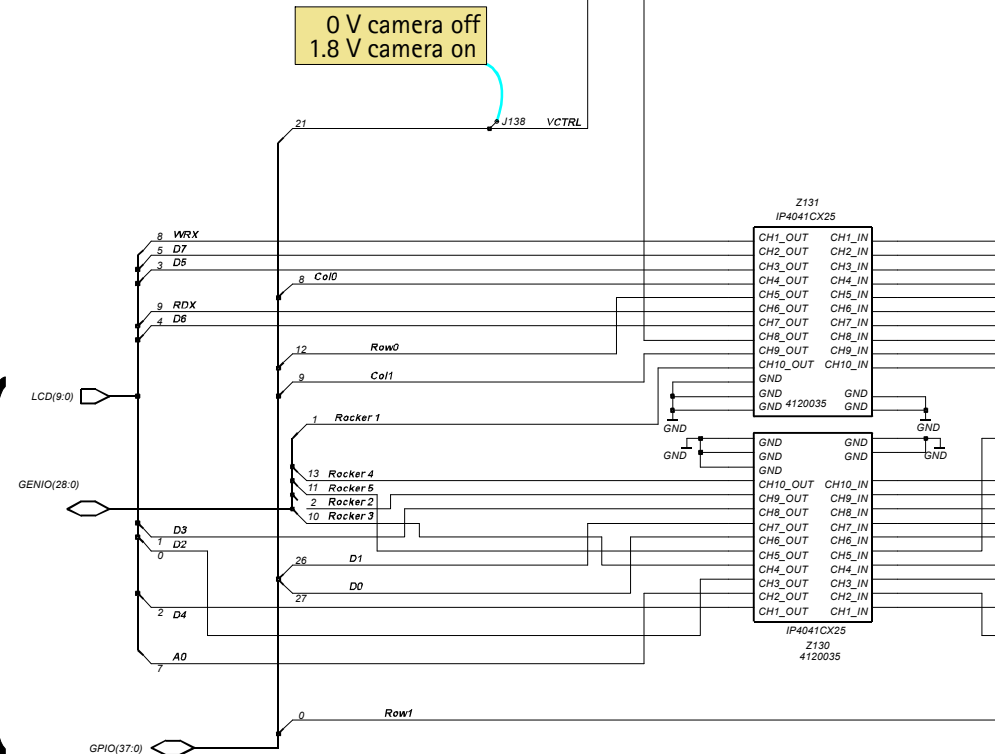
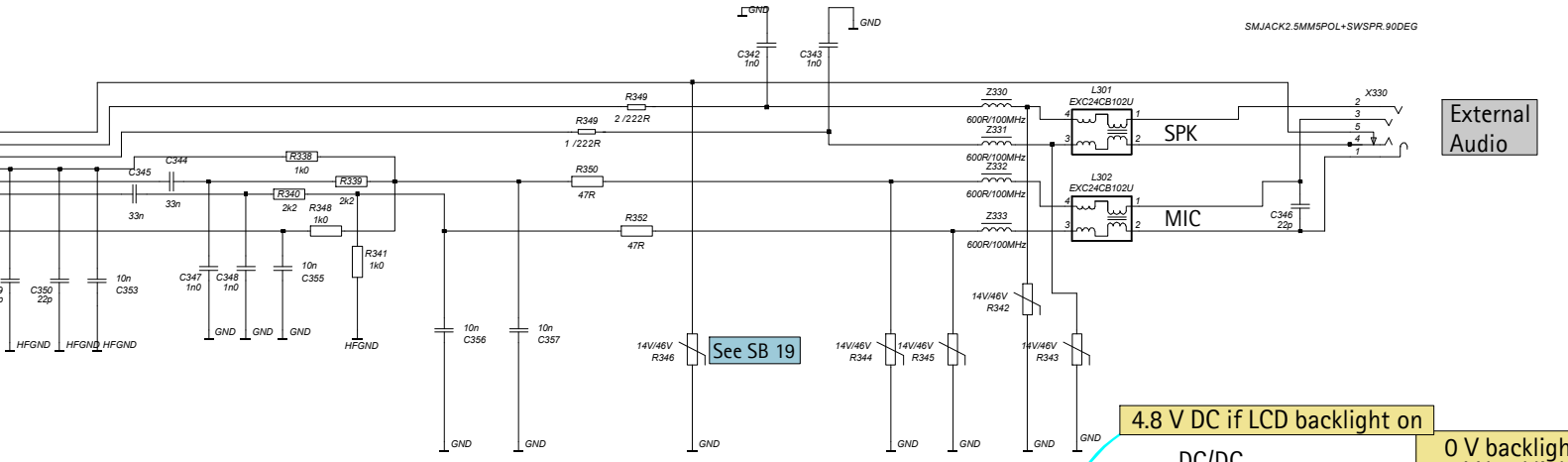
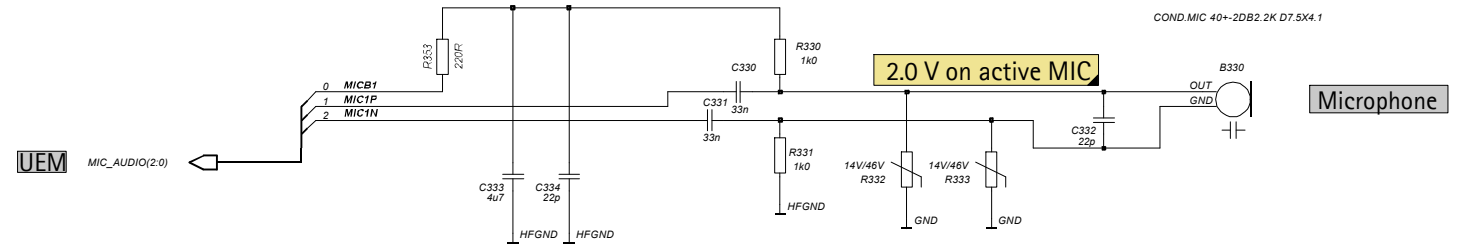
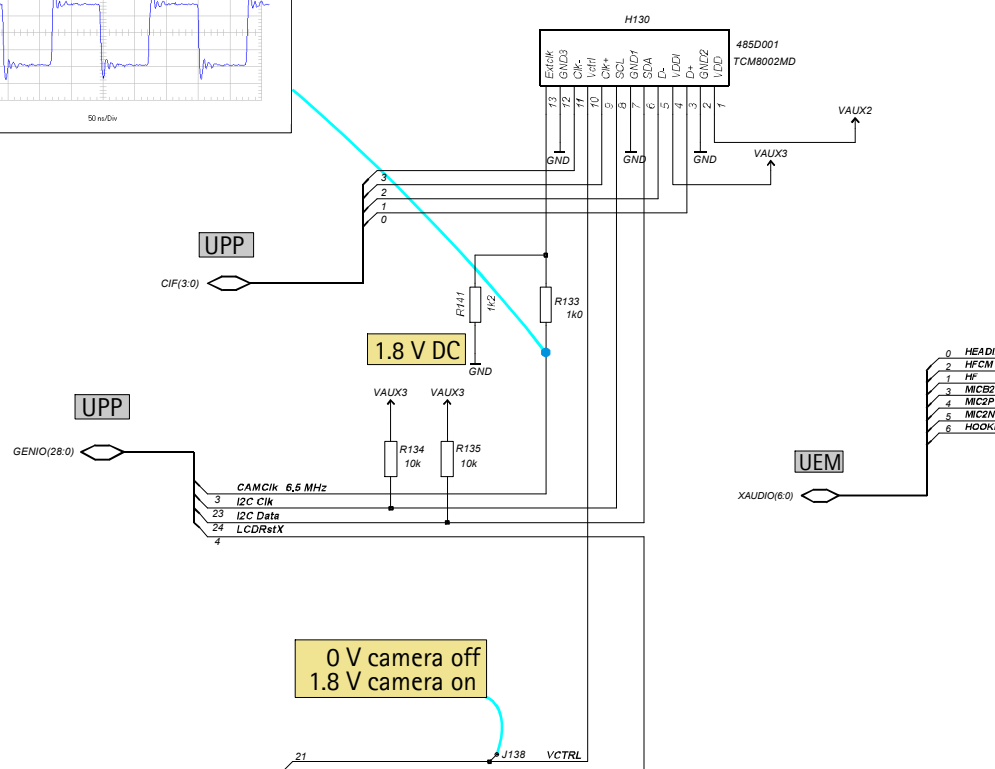


SDRAM WBGA

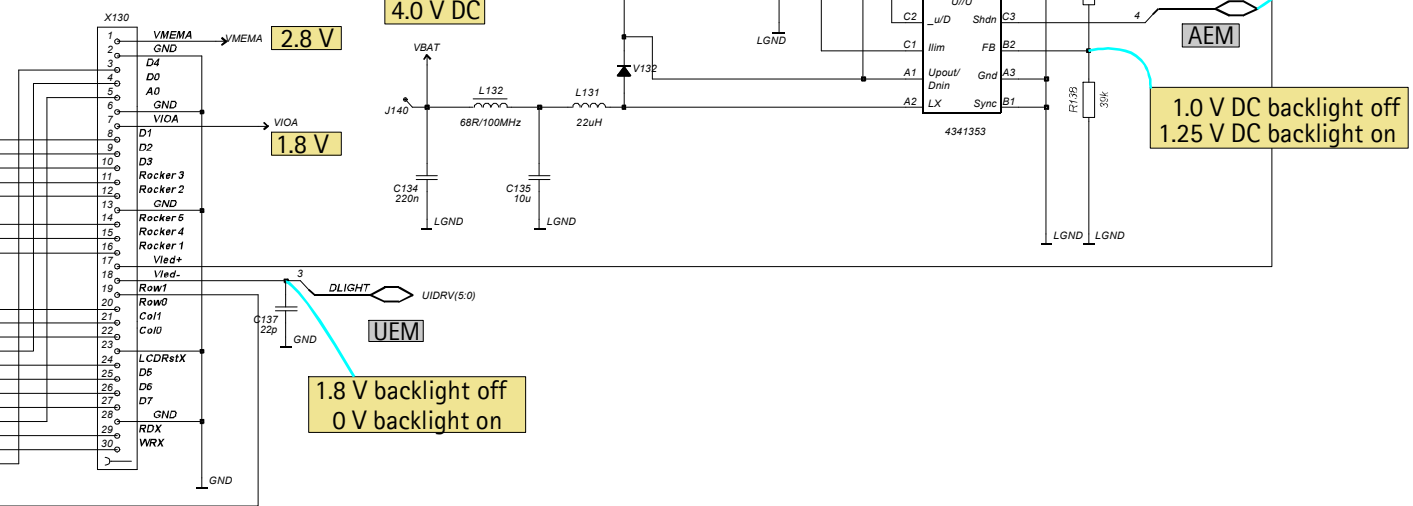




Camera



UI module connector



UPP

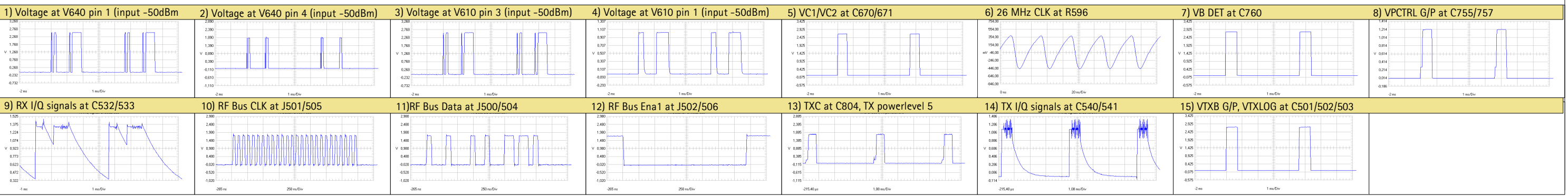
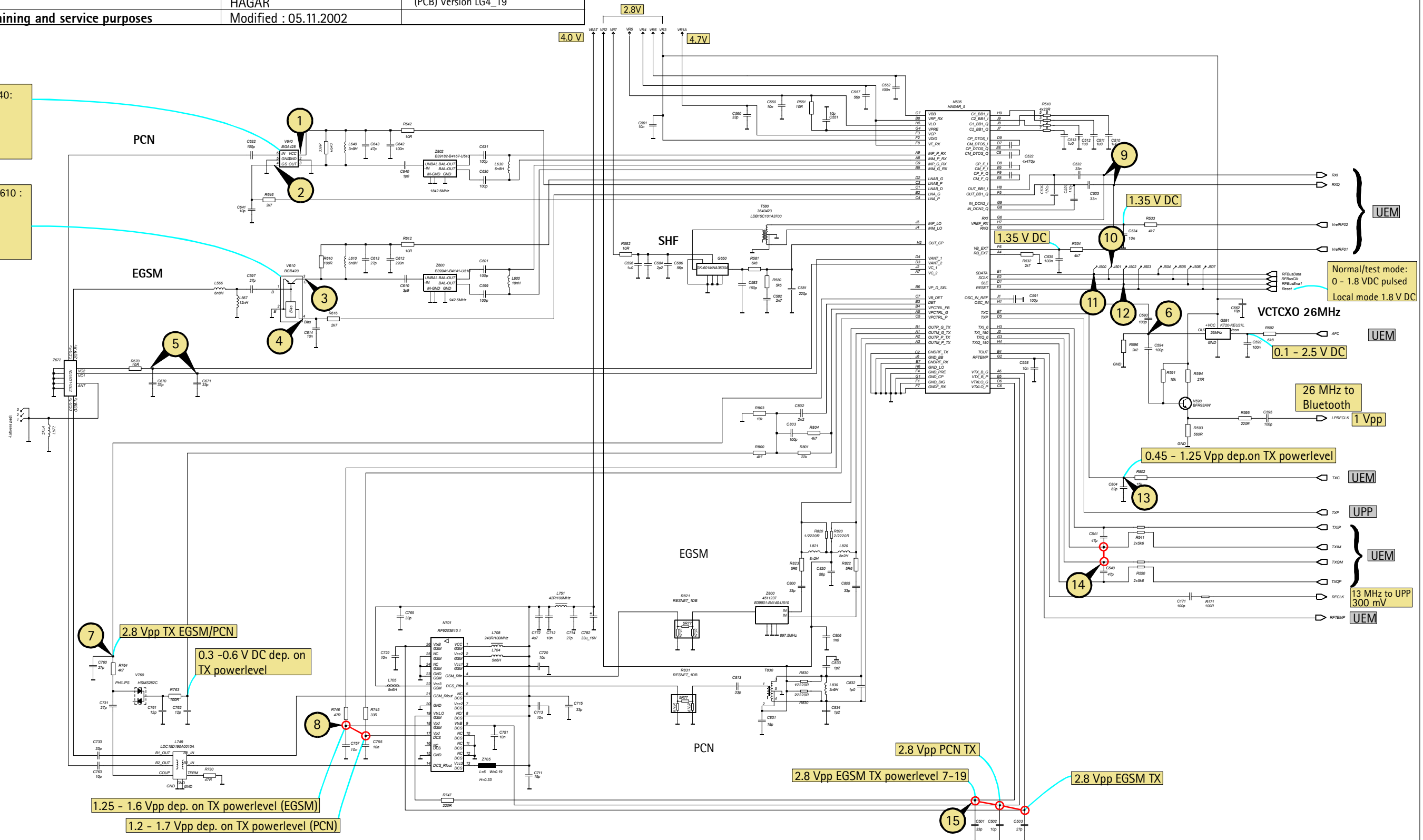
GENIO(28:0)

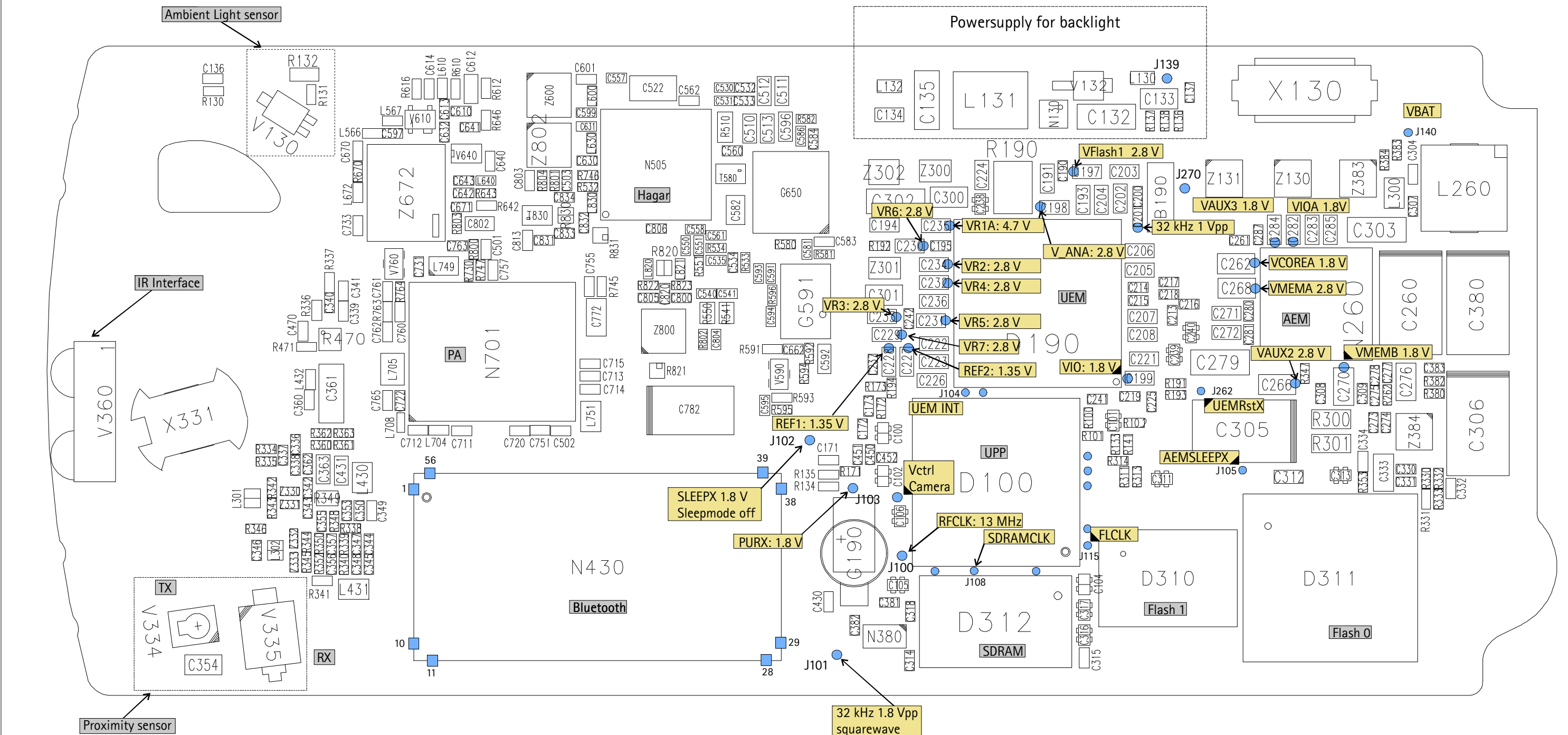
GPIIO(37:0)

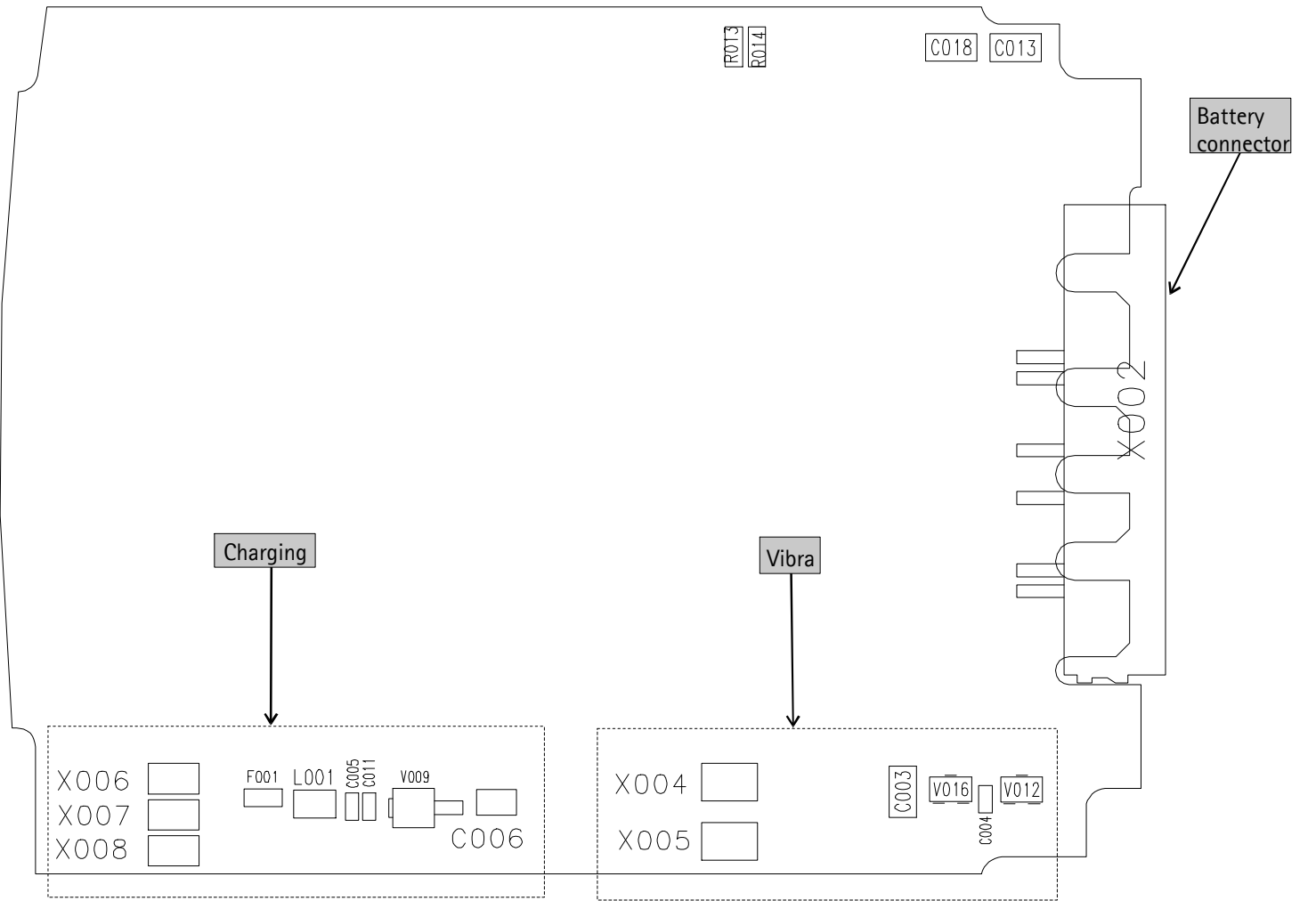
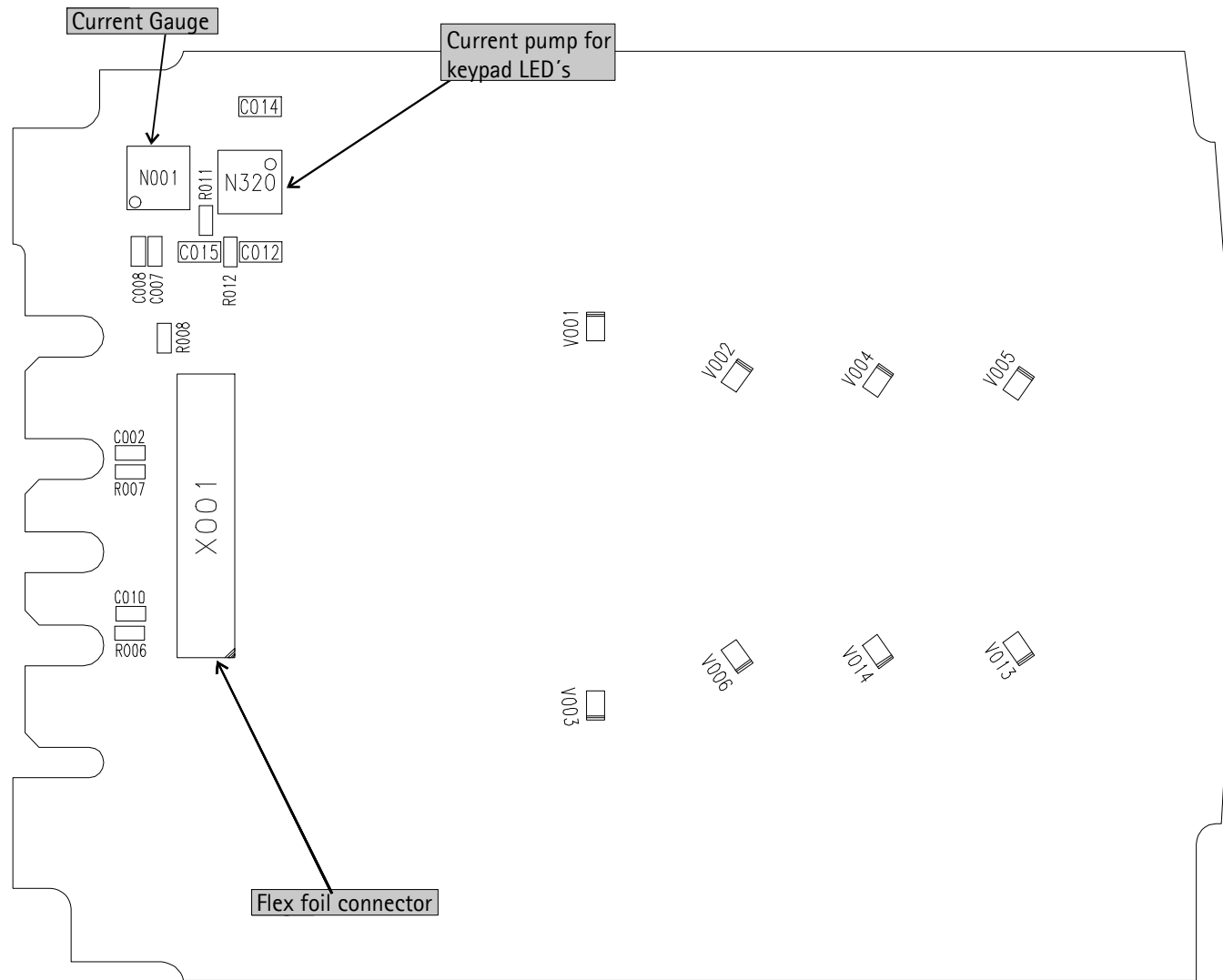
See SB 19

PCN (continous mode) at V640:
Pin 1: LNAon = 2.6 V DC
LNAoff = 0 V
Pin 4: LNAon = 0V
LNAoff = 1.9 VDC

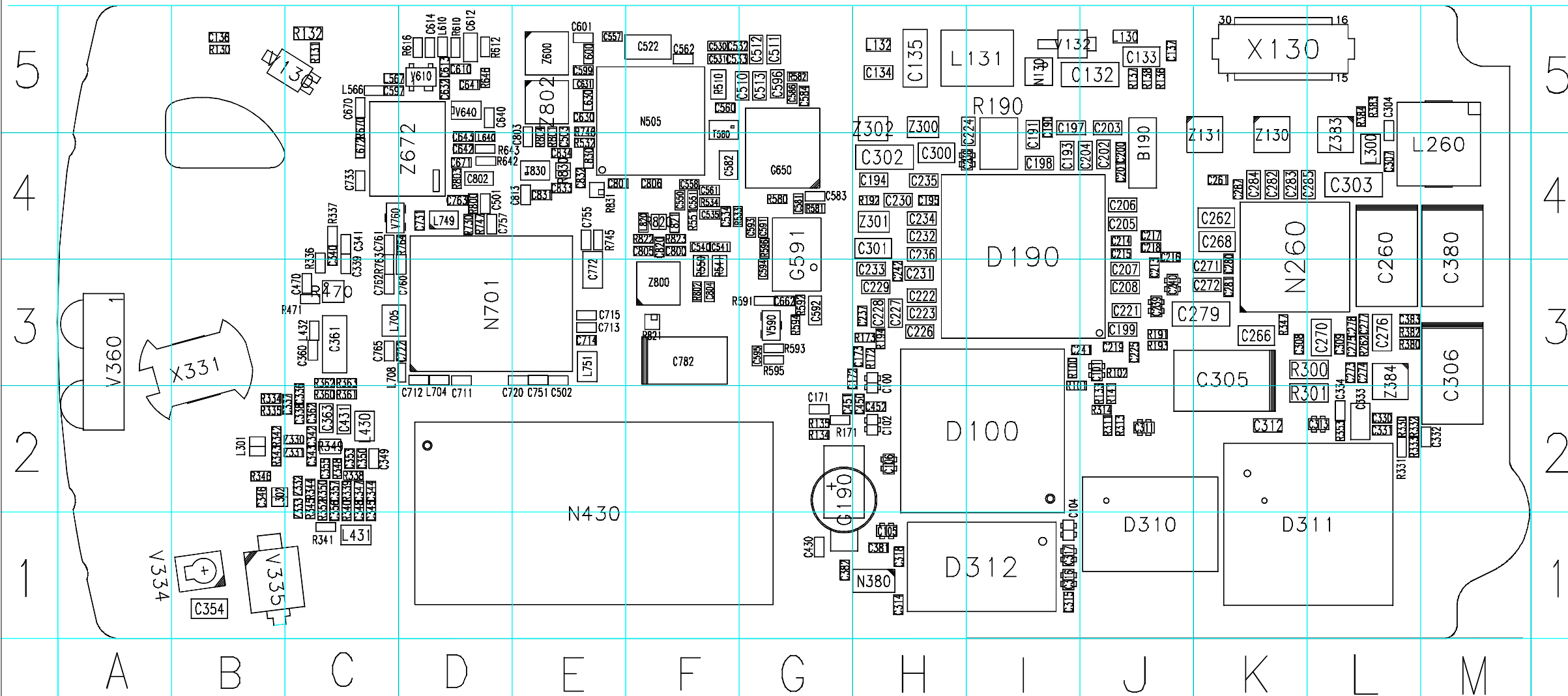
EGSM (continous mode) at V610 :
Pin 3: LNAon = 2.6 VDC
LNAoff = 0 V
Pin 4: LNAon = 1.1 VDC
LNAoff = 1.1 VDC







B	C194 - H4	C221 - J3	C242 - H3	C284 - K4	C318 - H1	C353 - C2	C503 - E4	C581 - G4	C632 - D5	C760 - D3	D	L432 - C3	N430 - E1/D1	R172 - H3	R336 - C3	R380 - L3	R595 - G3	R804 - E4	X
B190 - J4	C195 - H4	C222 - H3	C260 - L3/L4	C285 - L4	C330 - L2	C354 - B1	C511 - G5	C582 - F4	C640 - D5	C761 - C4	D100 - I2	L566 - C5	N505 - F4/5	R173 - H3	R337 - C4	R382 - L3	R596 - G4	R820 - F4	X130 - K5/L5
C	C197 - I5	C223 - H3	C261 - K4	C287 - K4	C331 - L2	C355 - C2	C512 - G5	C583 - G4	C641 - D5	C762 - C3	D190 - I3/I4	L567 - C5	N701 - D3	R190 - I4/I5	R339 - C2	R383 - L5	R610 - D5	R821 - F3	X331 - B3
C100 - H3	C198 - I4	C224 - I4	C262 - K4	C300 - H4	C332 - M2	C357 - C2	C513 - G5	C584 - G5	C642 - D4	C763 - D4	D310 - J1/J2	L600 - E5	R	R191 - J3	R340 - C2	R384 - L5	R612 - D5	R823 - F4	Z
C101 - J3	C199 - J3	C225 - J3	C266 - K3	C301 - H4	C333 - L2	C360 - C3	C522 - F5	C586 - G5	C643 - D4	C765 - C3	D311 - K1/K2	L610 - D5	R100 - I3	R192 - H4	R341 - C1	R388 - C2	R616 - D5	R830 - E4	Z130 - K4/5
C102 - H2	C200 - J4	C226 - H3	C268 - K4	C302 - H4	C334 - L2	C361 - C3	C530 - F5	C591 - G4	C652 - G3	C772 - E3	D312 - I1/H1	L630 - E5	R101 - I3	R193 - J3	R342 - B2	R470 - C3	R642 - D4	R831 - E4	Z131 - K4/5
C104 - I1	C201 - J4	C227 - H3	C270 - L3	C303 - L4	C336 - C2	C362 - C2	C531 - F5	C592 - G3	C670 - C5	C782 - F3	G	L640 - D4	R102 - J3	R194 - H3	R343 - B2	R471 - C3	R643 - D4	T	Z300 - H5
C105 - H1	C202 - J4	C228 - H3	C271 - K3	C304 - L5	C337 - C2	C363 - C2	C532 - F5	C593 - G4	C671 - D4	C800 - F4	G190 - G2	L672 - C4	R130 - B5	R247 - K3	R344 - C2	R510 - F5	R646 - D5	T580 - F5	Z301 - H4
C106 - H2	C204 - J4	C229 - H3	C272 - K3	C305 - K3	C338 - C2	C380 - M3/4	C533 - F5	C594 - G3	C711 - D3	C801 - E4	G591 - G4	L704 - D3	R131 - C5	R262 - L3	R345 - C2	R532 - E4	R670 - C5	T830 - E4	Z302 - H5
C132 - J5	C205 - J4	C230 - H4	C273 - L3	C306 - M2/3	C339 - C3	C381 - H1	C534 - F4	C595 - G3	C712 - D3	C802 - D4	G650 - G4	L705 - C3	R131 - J5	R300 - L3	R346 - B2	R533 - F4	R691 - G3	V	Z330 - C2
C133 - J5	C206 - J4	C231 - H3	C274 - L3	C307 - L4	C340 - B1	C382 - G1	C535 - F4	C596 - G5	C713 - E3	C803 - E4	L	L708 - D3	R132 - C5	R301 - L2	R348 - C2	R534 - F4	R730 - D4	V130 - C5	Z331 - C2
C134 - H5	C207 - J3	C232 - H4	C275 - L3	C308 - K3	C341 - C4	C383 - L3	C540 - F4	C597 - C5	C714 - E3	C804 - F3	L130 - J5	L749 - D4	R133 - J2	R311 - J2	R349 - C2	R541 - F3	R743 - E5	V132 - I5	Z332 - C2
C135 - H5	C208 - J3	C233 - H3	C276 - L3	C309 - L3	C342 - C2	C430 - G1	C541 - F4	C599 - E5	C715 - E3	C805 - F4	L131 - I5	L751 - E3	R134 - G2	R313 - J2	R350 - C2	R550 - F3	R745 - E4	V334 - B1	Z333 - C2
C136 - B5	C213 - J3	C234 - H4	C277 - L3	C311 - J2	C343 - C2	C431 - C2	C550 - F4	C601 - E5	C720 - E3	C806 - F4	L132 - H5	L820 - F4	R135 - G2	R314 - J2	R352 - C2	R551 - F4	R747 - D4	V335 - B1	Z383 - L4/5
C137 - J5	C214 - J4	C235 - H4	C278 - L3	C312 - K2	C344 - C2	C450 - H2	C551 - F4	C610 - D5	C722 - D3	C813 - E4	L260 - M4/5	L821 - F4	R136 - J5	R330 - L2	R353 - L2	R580 - G4	R763 - C3	V360 - A3	Z384 - L3
C171 - G2	C215 - J4	C236 - H4	C279 - K3	C313 - L2	C345 - C2	C451 - G2	C557 - E5	C612 - D5	C731 - D4	C820 - F4	L300 - L4	L830 - E4	R137 - J5	R331 - L2	R356 - C2	R581 - G4	R764 - D4	V590 - G3	Z600 - E5
C172 - H3	C216 - J4	C237 - H3	C280 - K3	C314 - H1	C347 - C2	C452 - H2	C558 - F4	C613 - D5	C733 - C4	C831 - E4	L301 - B2	N	R138 - J5	R332 - L2	R360 - C2	R582 - G5	R800 - D4	V610 - D5	Z672 - D4/5
C173 - H3	C217 - J4	C239 - J3	C281 - K3	C315 - I1	C348 - C2	C470 - C3	C560 - F5	C614 - D5	C751 - E3	C832 - E4	L302 - B2	N130 - I5	R139 - J5	R333 - L2	R361 - C2	R591 - G3	R801 - E4	V640 - D5	Z800 - F3
C191 - I4	C218 - J4	C240 - J3	C282 - K4	C316 - I1	C349 - C2	C501 - D4	C561 - F4	C630 - E5	C755 - E4	C833 - E4	L430 - C2	N260 - K3/K4	R141 - J2	R334 - B2	R362 - C3	R592 - G3	R802 - F3	V760 - C4	Z802 - E5
C193 - I4	C219 - J3	C241 - J3	C283 - K4	C317 - I1	C350 - C2	C502 - E3	C562 - F5	C631 - E5	C757 - D4	C834 - E4	L431 - C1	N380 - H1	R171 - G2	R335 - B2	R363 - C3	R593 - G3	R803 - D4		



Components on Layout Ls4 V.16

C	L	V016
C002	L001	X
C003	N	X001
C004	N001	X004
C005	N320	X005
C006	R	X006
C007	R007	X007
C008	R008	X008
C011	R011	
C012	R012	
C013	R013	
C014	R014	
C015	V	
C016	V001	
C017	V002	
C018	V003	
C019	V004	
E001	V005	
E002	V006	
E003	V009	
E004	V012	
F	V013	
F001	V014	