Schematic diagram containing the following major components and labels:

- U700 (SC29803)
- U900 (GCAP3_180PBGA, HIERARCHICAL BLOCK)
- U701 (HIERARCHICAL BLOCK)
- U702, U703
- CE_BUS / J850 I/O CONN
- 24 PIN DISPLAY CONNECTOR J825
- 17 PIN KEYPAD CONNECTOR J800
- J650
- BATTERY BLOCK J851
- AL900
- Various transistors: Q901, Q944, Q945, Q946DNP, Q942, Q932, Q938
- U2870, U2871, U2872, U2873, U2874, U2905DNP, U2906, U859DNP
- U901
- Y900

DATA (15 : 0)
ADDRESS (23:0)
DIG_AUD (3:0)

J850

VS1947DNP VS1845 R854 R704 VS1946 C851 R859 R852 R851
USB USB+ EXT_BATT
R2037 R250DNP
R867 R860 R857 R856 R855 R853 C98DDNP USB_GND USB_PWR

TP1

LS1_OUT LS2_OUT CR902 L902 C976 L901DNP C938DNP Q946DNP
S1M1_O TESTPOINT_GND VSIM1 SIM_PDO VPP12 VR1DNP
CR901DNP

R2032
R2033 R2063 R2742 R2027 R2064 R2030 R2031 R2028 R2029 R2023 R2024
R2062 R2026 R2948

U354 C350 R351 Q351 C354 R350 C357 R356 C362 C361 C360

Y200 Q203 Q204 R220 R219
C224 Q201 C226 C206 C220 R210 C221 C222 C223 R209 C218 C219
R211 R227 R225 R217 C237 R216 R214 C236 R215 L202 CR201 C235 C234 C233
R231 C242 R208 C216 R232 R230 C244 R229 C217 C243 R221 C241 R227 C228 C240 C356
R200 C200 R201 R218 C202 Q200 C201 R202 C205 C204 R204 C209 C203 R203 CR200 L201
C214 C211 C305 C210 R222 R206 C207 C208

U207

U400 C530 U551 C410 R402 R401 C408 C407 C402 C400 C401
R531 R530 C532 R404 R403 R400 C405 C406
Q530 C531 R533 R532 L530
C551 R541 R540 Q410 R502 R501 C501 C502 C504 C506
C552 D545 R545 R511 C501 L501 L505
L550 C560 R551 R501 C510
C559 C550 C564 C540 R550 R500 C561 C555 C509 C508
U550 C563 C512 C513 U500 C515
C556 C511
C573 C572 C571 C523 C522
C576 C570 C521 C250DNP C520
R572 C575 C525 C527

U120 U110 FL100 L300 R302 U300
FL101 C101 L100 C102 C301 C300
C110 R100 L101 C113 C115 C116 R301
C105 C180 C302
C117 C114
FL102 C109 L107 L113 C128
C108 C118 R108 C126
FL103 L102 C119 L108 R102 C125 R106 C304
L103 L199 R107 C127 Q151
C106 L110 C123 C117 R104 R105
C107 C121 L104 C112 R103 L111 C122 FL104 L114 L112 C124
L106 L100

C16 R935 C951 C120 C859 C827 C828 C829 C826 C830
L13 C18 C22 C21 L960 C945 C943 J851
L11 C12 L22 C24 R921
C17 C13 C23 VS1949 C953 C944 C832 R2825 J825
L12 C11 U10 A11 C981DNP R3 R2908 J650
L10 C14 C15 AL900 C982DNP
A10 TP_GND R927 C2803 R2034 C2802
R926 C806 R2035 C2946

MK1DNP

C933

U2906

C38 R38

J800

R865 C862 C861 R861 R864 C863 C927 C947DNP C852 Q901 C907 U901
R863 R862 C955 R909 R922 R923 C950 Q901 C907 U901
R913 C957 R932 R929 C928 C932 R910 R924 R858 CR950
C918 C965 C963 R931 R930 C956 C949 R908 C929 R911 R946 R948 R950
C919 C958 C966 R931 R930 C956 C949 C929 R912 R948 R940 Q945
R939DNP R938DNP
C921 C917 C726 C2952 R948 C939 R928 C908 C969 C930 C942 R907 Q944 CR940 R945
CR850 R904 C954 R947 C2957 C969 C964 VR940
U2873 R918 Q932 R925 R2738 C2052 C2053
U2870 CR932 R936 Q938 C902 C2050 U2905 C2051
R2870DNP R866 C2049
U2871 U2872 C920 C903 C915 C916DNP C937 C912 C905 C2049
R2871DNP R2872DNP R2044 C926 C906 C978 R906 C922 C924
R703DNP C914 R903 R905 C979DNP FL200
R900 C2953
R902DNP R914

U900

Y900

U701

D701

U700

U703

U702

C705 C719
C703
C718 C722
C713 C2713
R706
U401
Q450 U402
Q942
C940
C941 KEEPOUT - NO MANS LAND!!!!
Q202 C959 R933 C960
Q1 Q2 C961 R934 C962
R1 R2 R405 C825
R2827
C31

V66 - FLIP SCHEMATIC