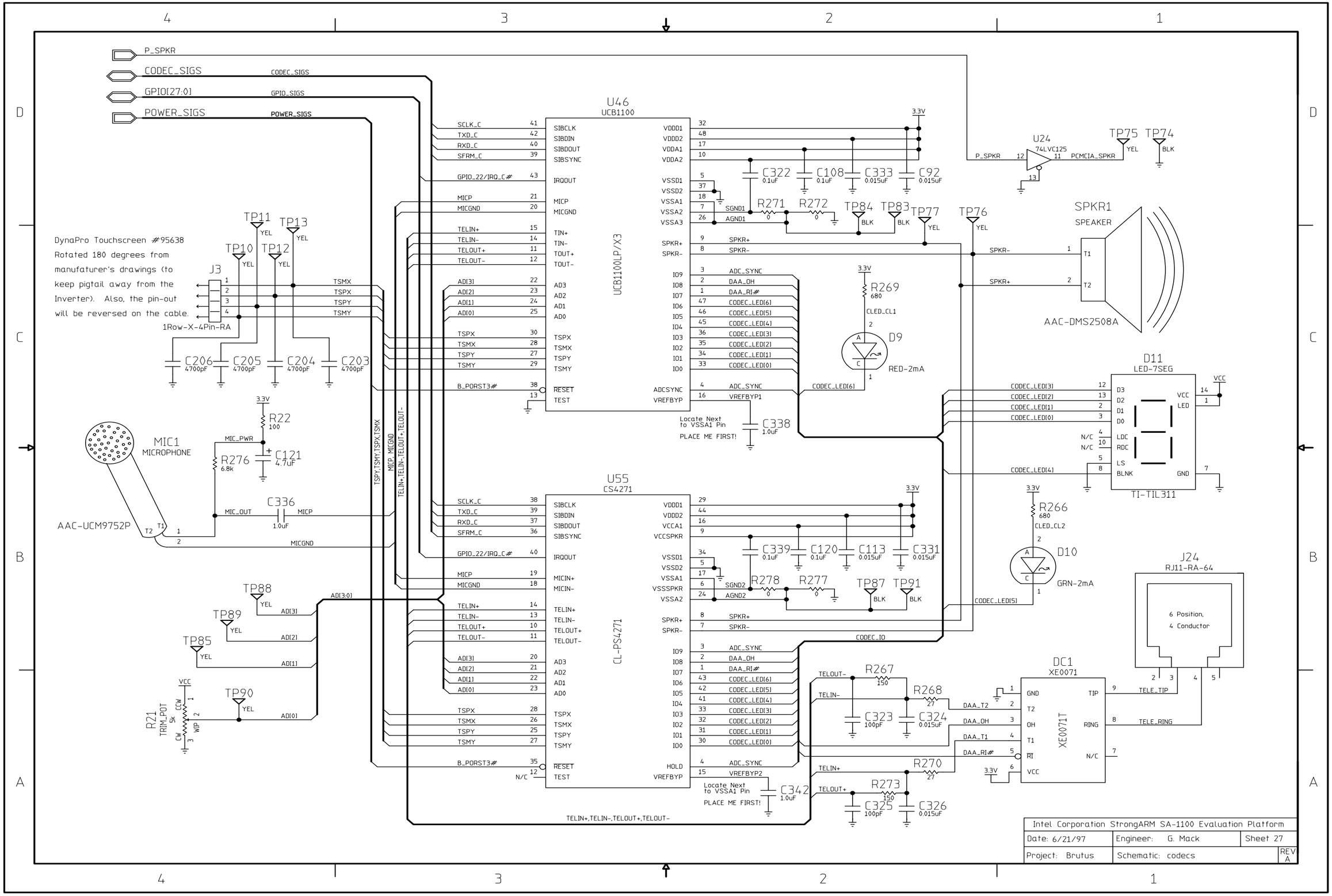
P_SPKR
CODEC_SIGS
GPIO[27:0]
POWER_SIGS
U46
UCB1100
UCB1100LP/X3
SIBCLK
SIBDIN
SIBDOUT
SIBSYNC
IRQOUT
MICP
MICGND
TIN+
TIN-
TOUT+
TOUT-
AD3
AD2
AD1
AD0
TSPX
TSMX
TSPY
TSMY
RESET
TEST
VDDD1
VDDD2
VDDA1
VDDA2
VSSD1
VSSD2
VSSA1
VSSA2
VSSA3
SGND1
AGND1
SPKR+
SPKR-
IO9
IO8
IO7
IO6
IO5
IO4
IO3
IO2
IO1
IO0
ADCSYNC
VREFBYP
ADC_SYNC
DAA_OH
DAA_RI#
CODEC_LED(6)
CODEC_LED(5)
CODEC_LED(4)
CODEC_LED(3)
CODEC_LED(2)
CODEC_LED(1)
CODEC_LED(0)
VREFBYP1
Locate Next to VSSA1 Pin
PLACE ME FIRST!
C338 1.0uF
C322 0.1uF
C108 0.1uF
C333 0.015uF
C92 0.015uF
R271 0
R272 0
TP84 BLK
TP83 BLK
TP77 YEL
TP76 YEL
U24
74LVC125
P_SPKR
PCMIA_SPKR
TP75 YEL
TP74 BLK
SPKR1
SPEAKER
AAC-DMS2508A
R269 680
CLED_CL1
D9
RED-2mA
D11
LED-7SEG
TI-TIL311
VCC
LED
GND
LDC
RDC
LS
BLNK
N/C
R266 680
CLED_CL2
D10
GRN-2mA
J24
RJ11-RA-64
6 Position,
4 Conductor
DynaPro Touchscreen #95638
Rotated 180 degrees from
manufaturer's drawings (to
keep pigtail away from the
Inverter). Also, the pin-out
will be reversed on the cable.
J3
1Row-X-4Pin-RA
TP11 YEL
TP13 YEL
TP10 YEL
TP12 YEL
TSMX
TSPX
TSPY
TSMY
C206 4700pF
C205 4700pF
C204 4700pF
C203 4700pF
B_PORST3#
R22 100
MIC1
MICROPHONE
MIC_PWR
R276 6.8k
C121 4.7uF
C336 1.0uF
MIC_OUT
MICP
MICGND
AAC-UCM9752P
TSPY,TSMY,TSPX,TSMX
MICP, MICGND
TELIN+,TELIN-,TELOUT+,TELOUT-
U55
CS4271
CL-PS4271
SIBCLK
SIBDIN
SIBDOUT
SIBSYNC
IRQOUT
MICIN+
MICIN-
TELIN+
TELIN-
TELOUT+
TELOUT-
AD3
AD2
AD1
AD0
TSPX
TSMX
TSPY
TSMY
RESET
TEST
N/C
VDDD1
VDDD2
VCCA1
VCCSPKR
VSSD1
VSSD2
VSSA1
VSSSPKR
VSSA2
SGND2
AGND2
SPKR+
SPKR-
IO9
IO8
IO7
IO6
IO5
IO4
IO3
IO2
IO1
IO0
HOLD
VREFBYP
VREFBYP2
Locate Next to VSSA1 Pin
PLACE ME FIRST!
C342 1.0uF
C339 0.1uF
C120 0.1uF
C113 0.015uF
C331 0.015uF
R278 0
R277 0
TP87 BLK
TP91 BLK
CODEC_IO
TP88 YEL
TP89 YEL
TP85 YEL
TP90 YEL
AD[3:0]
R21 TRIM_POT 5k
DC1
XE0071
XE0071T
GND
T2
OH
T1
RI
VCC
TIP
RING
N/C
TELE_TIP
TELE_RING
DAA_T2
DAA_T1
R267 150
R268 27
R270 27
R273 150
C323 100pF
C324 0.015uF
C325 100pF
C326 0.015uF
TELIN+,TELIN-,TELOUT+,TELOUT-
Intel Corporation StrongARM SA-1100 Evaluation Platform
Date: 6/21/97
Engineer: G. Mack
Sheet 27
Project: Brutus
Schematic: codecs
REV A