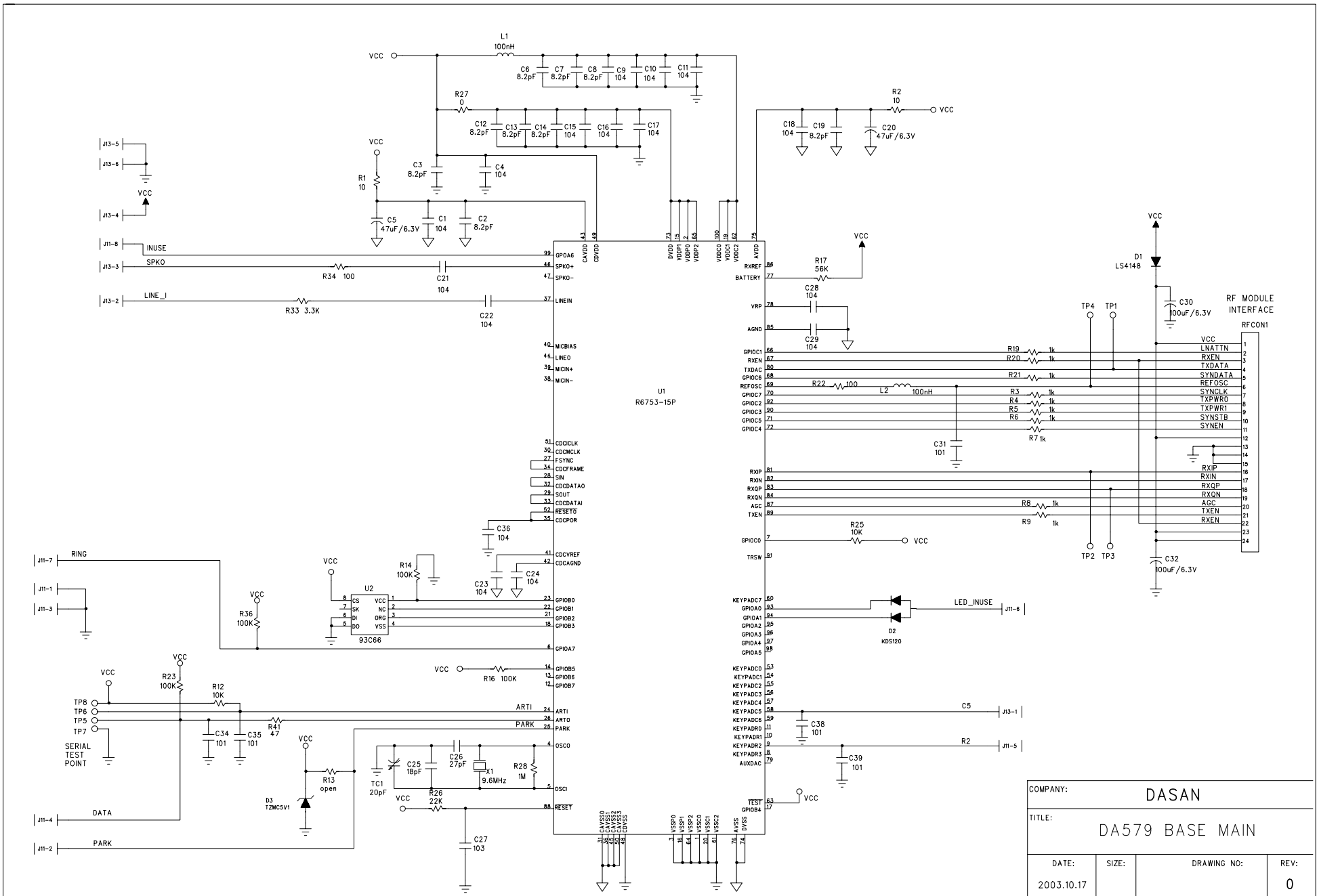
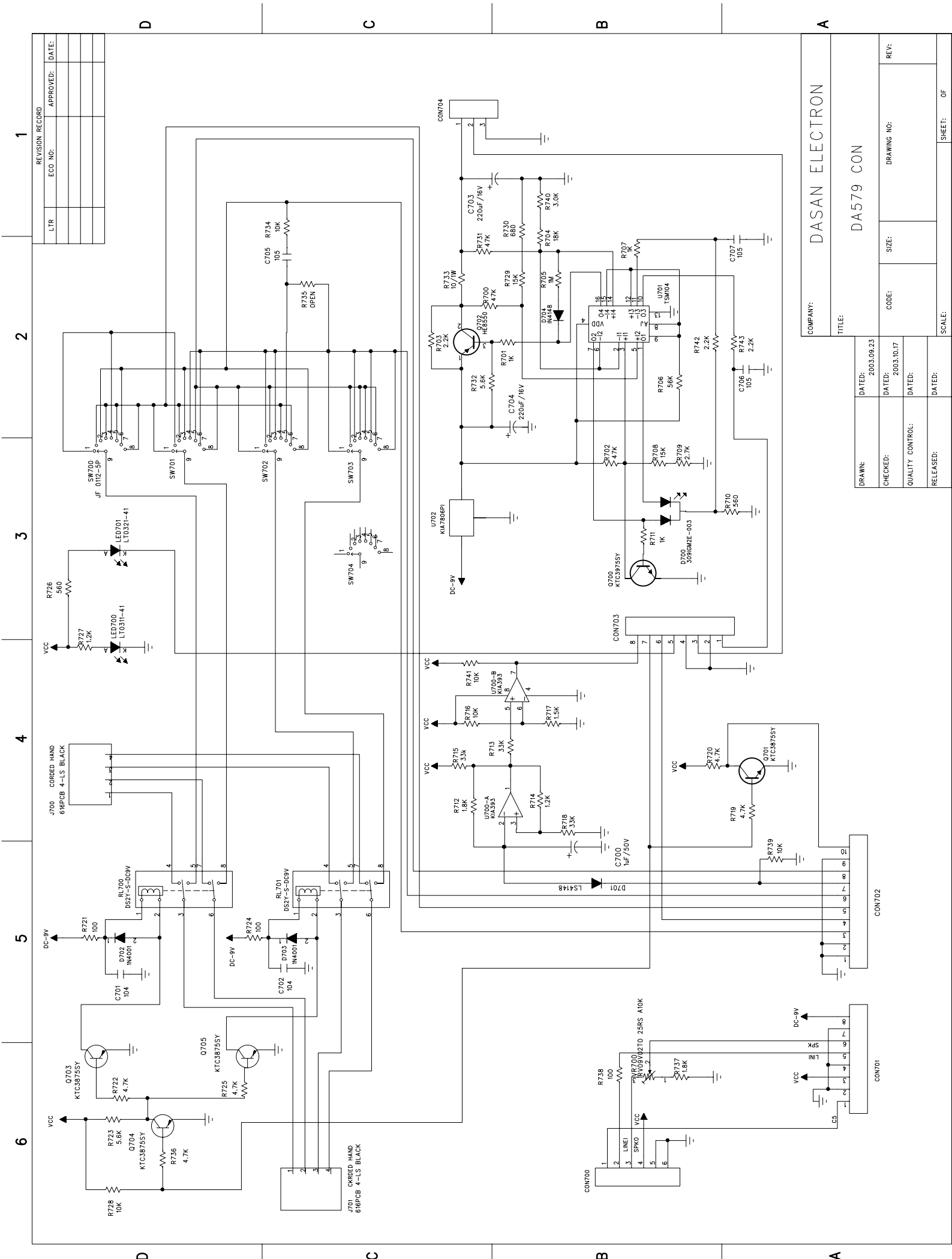
Schematics



COMPANY: DASAN			
TITLE: DA579 BASE MAIN			
DATE: 2003.10.17	SIZE:	DRAWING NO:	REV: 0
SCALE:		SHEET: OF	


REVISION RECORD
LTR
ECO NO:
APPROVED:
DATE:
COMPANY: DASAN ELECTRON
TITLE: DA579 CON
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SIZE:
CODE:
SCALE:
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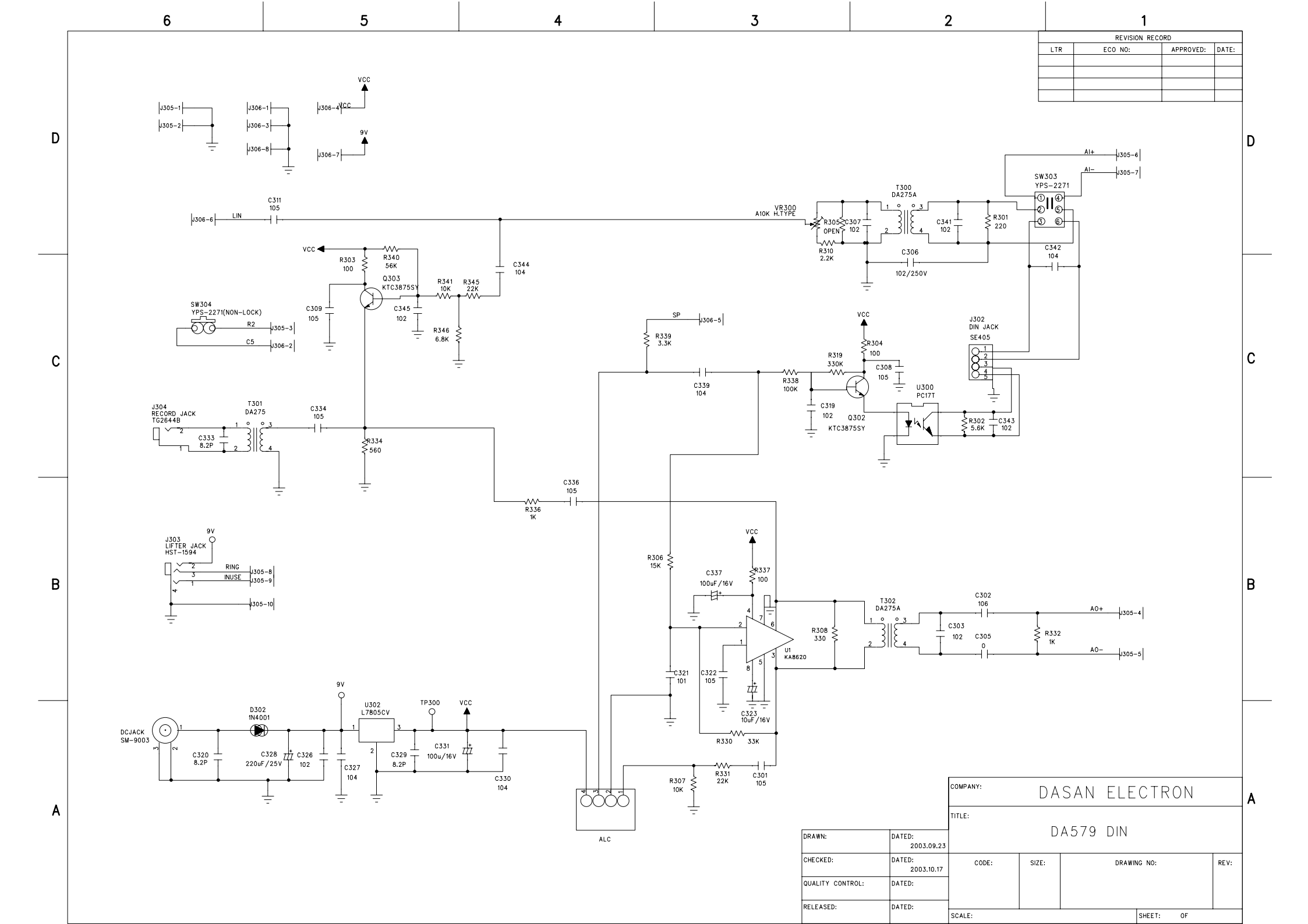
DRAWN: DATED: 2003.09.23
CHECKED: DATED: 2003.10.17
QUALITY CONTROL: DATED:
RELEASED: DATED:
CON704
C703 220uF/16V
R740 3.0K
R731 4.7K
R730 680
R704 18K
R707 1K
C707 105
R733 10/1W
R729 15K
R705 1M
R700 4.7K
D704 IN4148
Q702 HE8550
U701 TSM104
R703 2.2K
R701 1K
R742 2.2K
R743 2.2K
C706 105
R732 5.6K
C704 220uF/16V
R706 56K
R734 10K
C705 105
R735 OPEN
SW700 JF 0112-5P
SW701
SW702
SW703
SW704
R702 47K
R708 15K
R709 2.7K
U702 KIA7806PI
DC-9V
R710 560
R711 1K
D700 309GMZE-003
Q700 KTC3975SY
LED701 LTO321-41
LED700 LTO311-41
R726 560
R727 1.2K
VCC
CON703
R741 10K
U700-B KIA393
R716 10K
R717 1.5K
R715 33k
R713 33K
R712 1.8K
U700-A KIA393
R714 1.2K
R718 33K
C700 1uF/50V
R720 4.7K
Q701 KTC3875SY
R719 4.7K
R739 10K
D701 LS4148
CON702
J700 CORDED HAND 616PCB 4-LS BLACK
RL700 DS2Y-S-DC9V
RL701 DS2Y-S-DC9V
R721 100
R724 100
D702 1N4001
D703 1N4001
C701 104
C702 104
Q703 KTC3875SY
Q705 KTC3875SY
R722 4.7K
R725 4.7K
R723 5.6K
Q704 KTC3875SY
R736 4.7K
R728 10K
J701 CKRDED HAND 616PCB 4-LS BLACK
R738 100
RVR700 REV09V02T0 25RS A10K
R737 1.8K
CON701
CON700
LINEI
SPKO
SPK
LINI
C5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APPROVED:
DATE:
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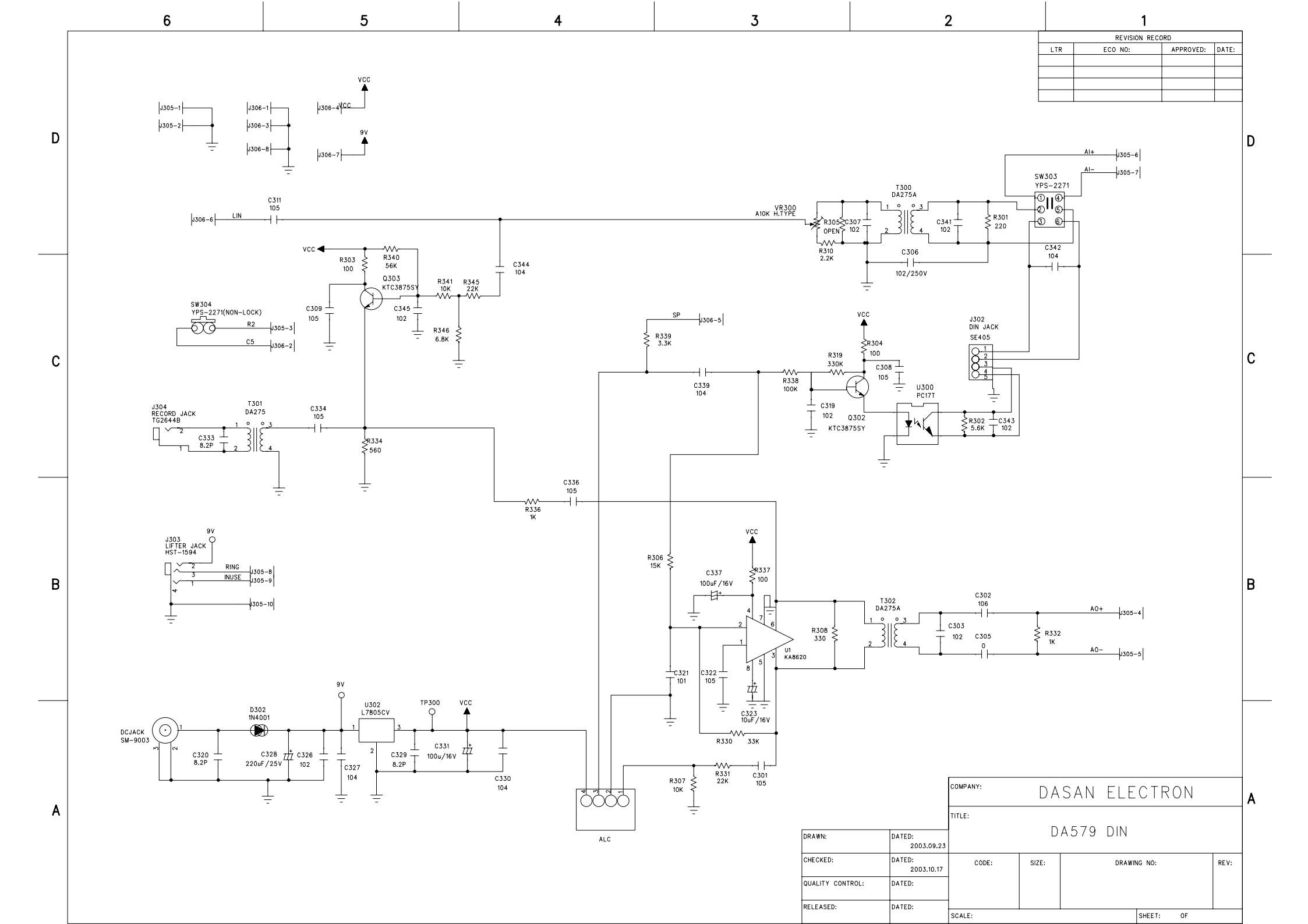
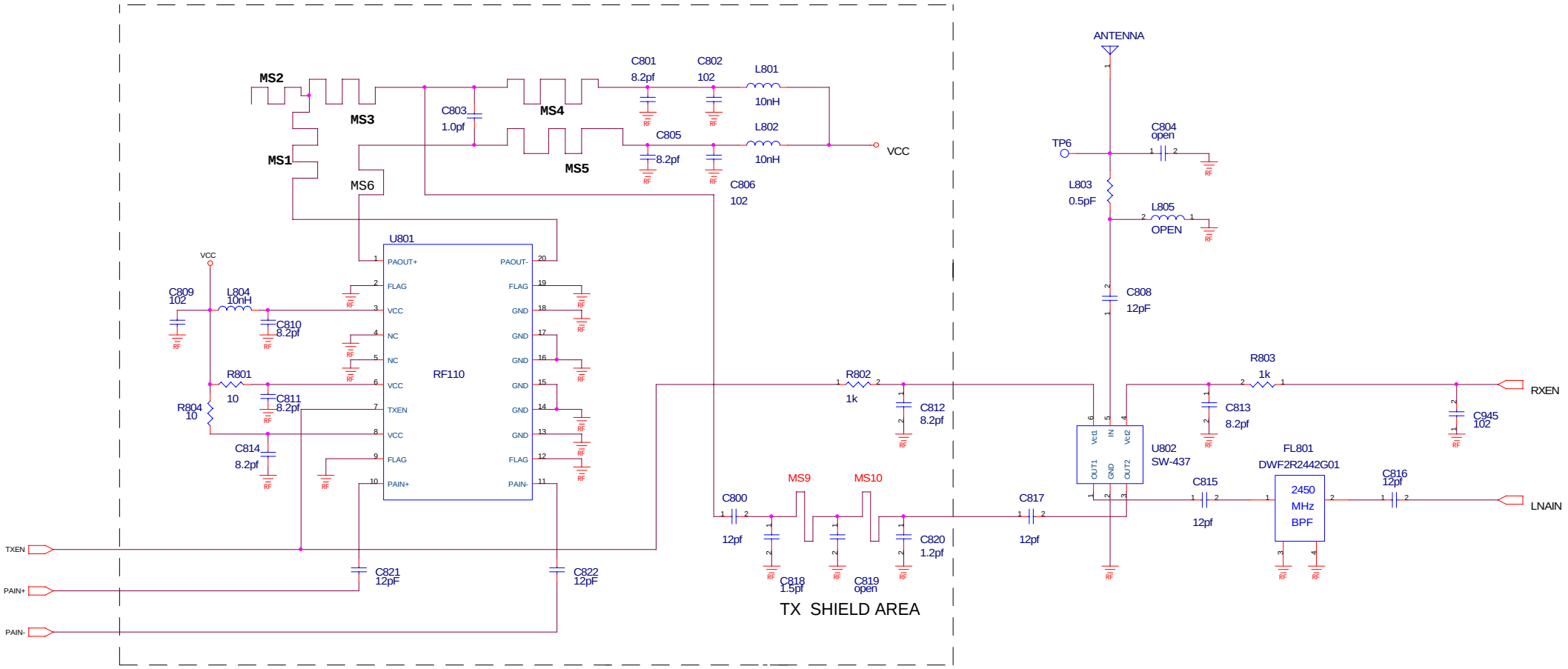
J305-2
J306-1
J306-3
J306-8
VCC
J306-4
9V
J306-7
J306-6
LIN
C311
105
VR300
A10K H.TYPE
R305
OPEN
C307
102
T300
DA275A
C341
102
R301
220
R310
2.2K
C306
102/250V
AI+
J305-6
AI-
J305-7
SW303
YPS-2271
C342
104
VCC
R303
100
R340
56K
Q303
KTC3875SY
R341
10K
R345
22K
C344
104
C309
105
C345
102
R346
6.8K
SW304
YPS-2271(NON-LOCK)
R2
J305-3
C5
J306-2
SP
J306-5
R339
3.3K
C339
104
R338
100K
R319
330K
R304
100
C308
105
C319
102
Q302
KTC3875SY
U300
PC17T
R302
5.6K
C343
102
J302
DIN JACK
SE405
J304
RECORD JACK
TG2644B
T301
DA275
C333
8.2P
C334
105
R334
560
C336
105
R336
1K
9V
J303
LIFTER JACK
HST-1594
RING
INUSE
J305-8
J305-9
J305-10
R306
15K
C337
100uF/16V
R337
100
VCC
T302
DA275A
C302
106
AO+
J305-4
C303
102
C305
0
R332
1K
AO-
J305-5
R308
330
U1
KA8620
C321
101
C322
105
C323
10uF/16V
R330
33K
R307
10K
R331
22K
C301
105
ALC
9V
DCJACK
SM-9003
D302
1N4001
U302
L7805CV
TP300
VCC
C320
8.2P
C328
220uF/25V
C326
102
C327
104
C329
8.2P
C331
100u/16V
C330
104
COMPANY:
DASAN ELECTRON
TITLE:
DA579 DIN
DRAWN:
DATED:
2003.09.23
CHECKED:
DATED:
2003.10.17
QUALITY CONTROL:
DATED:
RELEASED:
DATED:
CODE:
SIZE:
DRAWING NO:
REV:
SCALE:
SHEET: OF

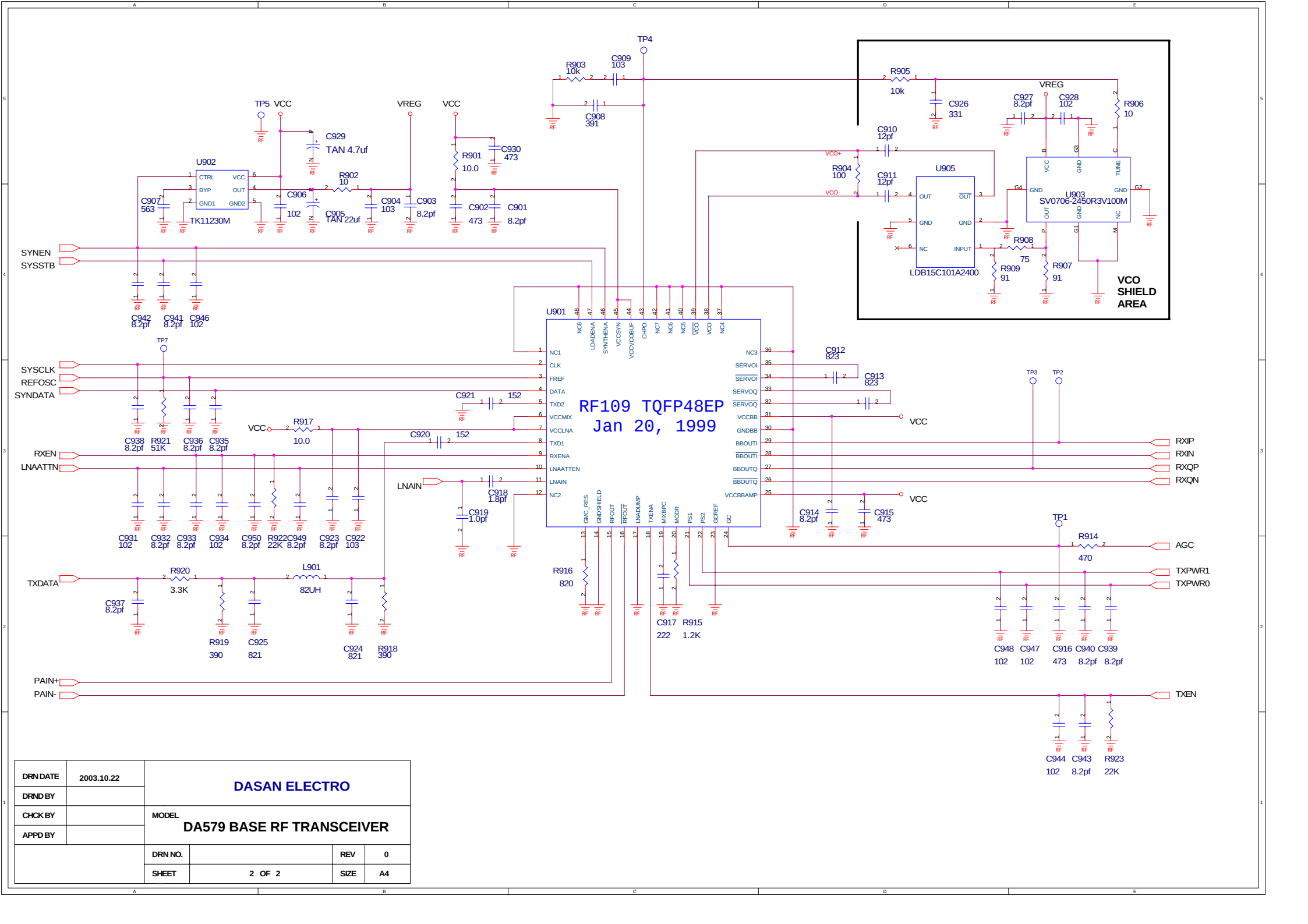

REVISION RECORD
LTR
ECO NO:
APPROVED:
DATE:
J305-1
J305-2
J306-1
J306-3
J306-8
VCC
J306-4
9V
J306-7
J306-6
LIN
C311
105
VR300
A10K H.TYPE
R305
OPEN
C307
102
T300
DA275A
C341
102
R301
220
R310
2.2K
C306
102/250V
AI+
J305-6
AI-
J305-7
SW303
YPS-2271
C342
104
VCC
R303
100
R340
56K
Q303
KTC3875SY
R341
10K
R345
22K
C344
104
C309
105
C345
102
R346
6.8K
SW304
YPS-2271(NON-LOCK)
R2
J305-3
C5
J306-2
SP
J306-5
R339
3.3K
C339
104
R338
100K
R319
330K
R304
100
C308
105
C319
102
Q302
KTC3875SY
U300
PC17T
R302
5.6K
C343
102
J302
DIN JACK
SE405
J304
RECORD JACK
TG2644B
T301
DA275
C333
8.2P
C334
105
R334
560
C336
105
R336
1K
9V
J303
LIFTER JACK
HST-1594
RING
INUSE
J305-8
J305-9
J305-10
R306
15K
C337
100uF/16V
R337
100
VCC
T302
DA275A
C302
106
AO+
J305-4
C303
102
C305
0
R332
1K
AO-
J305-5
R308
330
U1
KA8620
C321
101
C322
105
C323
10uF/16V
R330
33K
R307
10K
R331
22K
C301
105
ALC
9V
DCJACK
SM-9003
D302
1N4001
U302
L7805CV
TP300
VCC
C320
8.2P
C328
220uF/25V
C326
102
C327
104
C329
8.2P
C331
100u/16V
C330
104
COMPANY:
DASAN ELECTRON
TITLE:
DA579 DIN
DRAWN:
DATED:
2003.09.23
CHECKED:
DATED:
2003.10.17
QUALITY CONTROL:
DATED:
RELEASED:
DATED:
CODE:
SIZE:
DRAWING NO:
REV:
SCALE:
SHEET: OF



MicroStrip	W(mils)	L(mils)	Z0 / E(deg)
MS1	25.5 mil wide	219 mil long	84 ohm 29.0 deg
MS2	30.0 mil wide	389 mil long	79 ohm 52.0 deg
MS3	17.5 mil wide	401 mil long	97 ohm 52.6 deg
MS4	25.5 mil wide	303 mil long	84 ohm 40.0 deg
MS5	25.5 mil wide	660 mil long	84 ohm 90.0 deg
MS6	25.5 mil wide	30 mil long	84 ohm 4.0 deg

MicroStrip	Zo	E(deg)	W(mils)	L(mils)
MS9	96 R	22.3 deg	W=18.0 mil	L=170 mil
MS10	96 R	22.3 deg	W=18.0 mil	L=170 mil

DRN DATE	2003.10.22	DASAN ELECTRO	
DRND BY			
CHCK BY		MODEL	DA579 BASE RF POWER AMP
APPD BY			
		DRN NO.	REV 2.0
		SHEET 1 OF 2	SIZE A4


RF109 TQFP48EP
Jan 20, 1999
U901
U902
TK11230M
U903
SV0706-2450R3V100M
U905
LDB15C101A2400
VCO SHIELD AREA
SYNEN
SYSSTB
SYSCLK
REFOSC
SYNDATA
RXEN
LNAATTN
TXDATA
PAIN+
PAIN-
LNAIN
VCC
VREG
RXIP
RXIN
RXQP
RXQN
AGC
TXPWR1
TXPWR0
TXEN
DASAN ELECTRO
DA579 BASE RF TRANSCEIVER
DRN DATE 2003.10.22
DRND BY
CHCK BY
APPD BY
DRN NO.
REV 0
SHEET 2 OF 2
SIZE A4