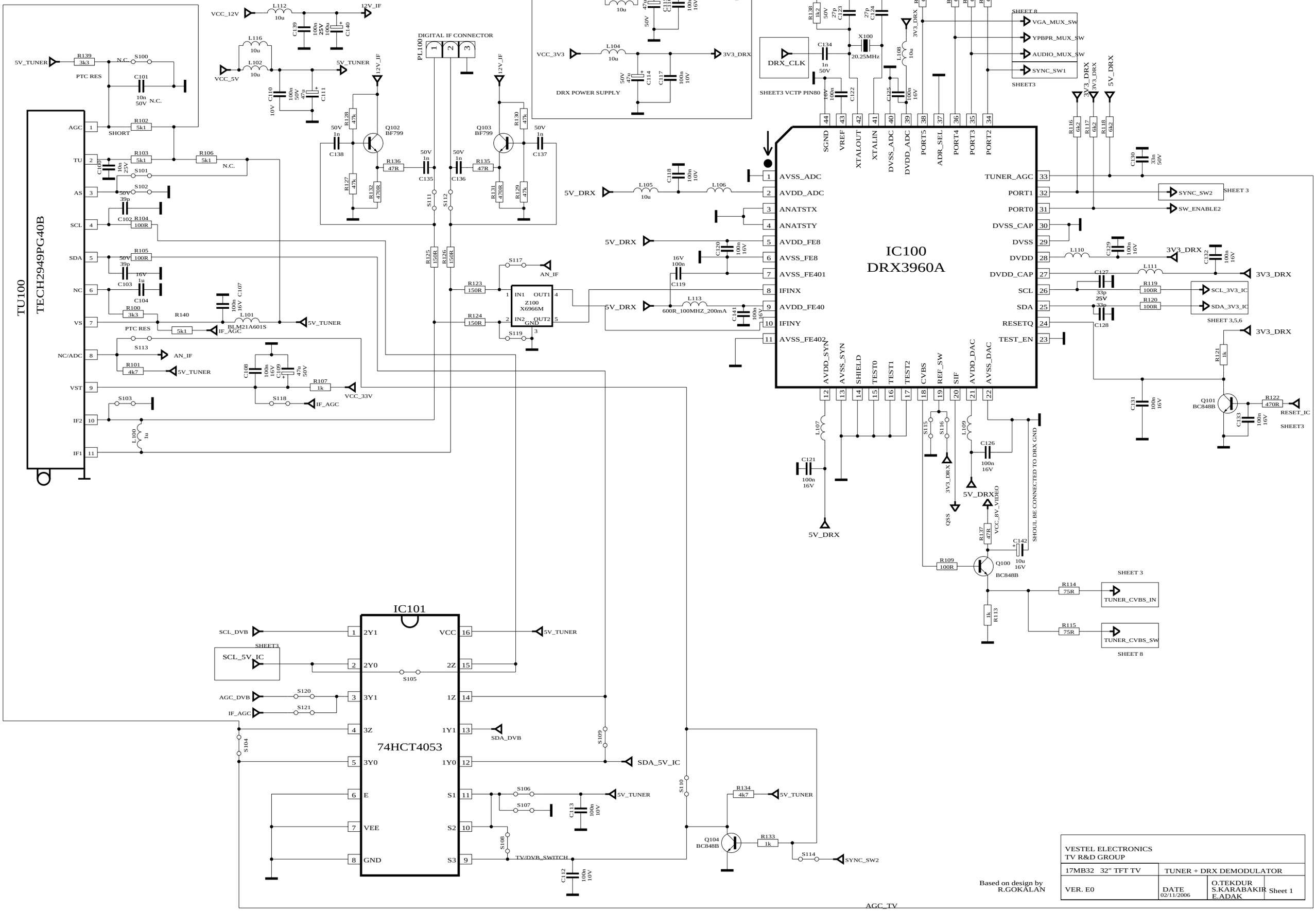

TU100
TECH2949PG40B
AGC 1
TU 2
AS 3
SCL 4
SDA 5
NC 6
VS 7
NC/ADC 8
VST 9
IF2 10
IF1 11
5V_TUNER
R139 3k3
PTC RES
N.C.
S100
C101 10n 50V
R102 5k1
SHORT
R103 5k1
R106 5k1
C100 10n 25V
S101
S102
C102 39p
R104 100R
R105 100R
C103 39p
C104 1u 16V
R100 3k3
R140 5k1
C107 100n 16V
L101 BLM21A601S
IF_AGC
S113
AN_IF
R101 4k7
C108 100n 16V
C109 47u 50V
R107 1k
VCC_33V
S118
S103
L100 1u
VCC_12V
L112 10u
12V_IF
C139 100n 25V
C140 100u
L116 10u
L102 10u
VCC_5V
5V_TUNER
C110 100n 50V
C111 47u 10V
DIGITAL IF CONNECTOR
PL100
Q102 BF799
Q103 BF799
R128 47k
R127 47k
R132 470R
R130 47k
R129 47k
R131 470R
C138 50V 1n
C137 50V 1n
R136 47R
R135 47R
C135 50V 1n
C136 50V 1n
S111
S112
R125 150R
R126 150R
S117
AN_IF
R123 150R
R124 150R
Z100 X6966M
IN1 OUT1 GND IN2 OUT2
S119
VCC_5V
L103 10u
L114 330R_100MHZ_3A
5V_DRX
L117 10u
C115 47u 50V
C116 100n 16V
VCC_3V3
L104 10u
3V3_DRX
C114 50V 47u
C117 100n 10V
DRX POWER SUPPLY
FOR THE USE OF EXTERNAL CLOCK
C124,C134 IS 1NF [30012581]
X100 AND C123 IS REMOVED
R138 1k2
C123 27p 50V
C124 27p
X100 20.25MHz
DRX_CLK
C134 1n 50V
SHEET3 VCTP PIN80
C122 100n 16V
L108 10u
C125 100n 16V
R108 68k2
R110 68k2
R111 68k2
R112 68k2
SHEET 8
VGA_MUX_SW
YPBPR_MUX_SW
AUDIO_MUX_SW
SYNC_SW1
SHEET3
R116 68k2
R117 68k2
R118 68k2
C130 33n 50V
L105 10u
L106
C118 100n 10V
5V_DRX
C120 100n 16V
16V 100n
C119
L113 600R_100MHZ_200mA
C141 100n 16V
IC100
DRX3960A
SGND 44
VREF 43
XTALOUT 42
XTALIN 41
DVSS_ADC 40
DVDD_ADC 39
PORT5 38
ADR_SEL 37
PORT4 36
PORT3 35
PORT2 34
AVSS_ADC 1
AVDD_ADC 2
ANATSTX 3
ANATSTY 4
AVDD_FE8 5
AVSS_FE8 6
AVSS_FE401 7
IFINX 8
AVDD_FE40 9
IFINY 10
AVSS_FE402 11
TUNER_AGC 33
PORT1 32
PORT0 31
DVSS_CAP 30
DVSS 29
DVDD 28
DVDD_CAP 27
SCL 26
SDA 25
RESETQ 24
TEST_EN 23
AVDD_SYN 12
AVSS_SYN 13
SHIELD 14
TEST0 15
TEST1 16
TEST2 17
CVBS 18
REF_SW 19
SIF 20
AVDD_DAC 21
AVSS_DAC 22
SYNC_SW2
SHEET 3
SW_ENABLE2
L110
C129 100n 16V
C132 100n 16V
L111
C127 33p 25V
C128 33p
R119 100R
R120 100R
SCL_3V3_IC
SDA_3V3_IC
SHEET 3,5,6
R121 1k
Q101 BC848B
R122 470R
C133 100n 16V
C131 100n 16V
RESET_IC
SHEET3
L107
C121 100n 16V
S115
S116
L109
C126 100n 16V
3V3_DRX
5V_DRX
Q5S
SHOUL BE CONNECTED TO DRX GND
R137 47R
VCC_8V_VIDEO
C142 10u 16V
R109 100R
Q100 BC848B
R114 75R
R115 75R
R113 1k
TUNER_CVBS_IN
TUNER_CVBS_SW
SHEET 8
IC101
74HCT4053
SCL_DVB
SCL_5V_IC
SHEET3
AGC_DVB
IF_AGC
S120
S121
S105
S104
S109
SDA_DVB
SDA_5V_IC
S106
S107
C113 100n 10V
S108
TV/DVB_SWITCH
C112 100n 10V
S110
R134 4k7
Q104 BC848B
R133 1k
S114
SYNC_SW2
1 2Y1
2 2Y0
3 3Y1
4 3Z
5 3Y0
6 E
7 VEE
8 GND
16 VCC
15 2Z
14 1Z
13 1Y1
12 1Y0
11 S1
10 S2
9 S3
Based on design by
R.GOKALAN
AGC_TV
VESTEL ELECTRONICS
TV R&D GROUP
17MB32 32" TFT TV
TUNER + DRX DEMODULATOR
VER. E0
DATE
02/11/2006
O.TEKDUR
S.KARABAKIR
E.ADAK
Sheet 1

VESTEL ELECTRONICS TV R&D GROUP			
17MB32 32" TFT TV	SCART, VGA, DMP, IDTV and FAV		
VER. E0	DATE 02/11/2006	O.TEKDUR S.KARABAKIR E.ADAK	Sheet 2

Based on design by E.ARDALI

TO SHT3 VCTP

TO SHT7

TO SHT1

IDTV_FFC_CON[ANALOG]

YPBPR/LINE_IN[R/L] CVBS JACK

YPBPR AUDIO

HEADPHONE JACK PC

R316,R317 IS 22R
IN CASE OF BACKHP OPT

VCT6953P
IC400

PC STANDBY MODE
SYNC DETECTION

IDTV DIGITAL INTERFACE [FFC TYPE]

JTAG CONN.

EXTERNAL AMP.

VCTP POWER SUPPLIES

KEYBOARD CONN.

IC405
M74HC4052
SYNC SWITCH

VERTICAL SYNC
DOUBLER
IC402
74LX1G86STR

LEVEL SHIFTER

IR DETECT &
LED DRIVE

IDTV SW UPDATE

SERVICE CONN.
R531,R530,R524,R520 IS 330R 30022083
D412,D415,D416,D418 IS 3V0 30038479

IC403
24LC32A
24C64 USED
30021752

*POWER ON/OFF
PORT SAVING

SHORT CIRCUIT AND HEADPHONE DETECT

VESTEL ELECTRONICS TV R&D GROUP			
17MB32 32" TFT TV	VCTP		
VER. E0	DATE 02/11/2006	O.TEKDUR S.KARABAKIR E.ADAK	Sheet 3

Based on design by
B.OKAN

L417,L416 SHOULD BE 30016659
S465 SOULD BE 82R

HEADPHONE AMPLIFIER

IC600 TDA1308T

VCC_5V, S612, BC558B Q603, D611 1N4148, D610, C3V6, L600 50R_100MHZ_3A, R643 20k, C650 16V 100u, R644 12k, R645 4k7

TO REDUCE POWER ON HP POPING

C600 50V 47u, C603 100n 16V, R600 10k, C601 50V 1u, R601 10k, C605 1n 50V, C606 100u 16V, C610 1n 50V, C607 470p 50V, R605 20k, C614 100u 16V, R606 20k, C613 470p 50V, C617 1n 50V, R613 4k7, C623 1n 1kV, C620 50V 1n, C624 1n 50V

SHEET2: HP_OUT_L, HP_OUT_R

SHEET3: HEADPHONE_R

SHEET3: HEADPHONE_L, C604 1n 1kV, R602 4k7, C602 1n 50V

IF AMP_MUTE HIGH ENOUGH TO ENABLE AMPLIFIER OPTIONAL RESISTOR WILL BE USED
IN THAT CASE TRANSISTOR CIRCUIT WILL NOT BE USED

SHEET3: AMP_MUTE, R616 5k1, Q600 BC848B, R620 1k, R619 68k, AMP_24V, AMP_EN, C633 100n 10V, R621 18k, C637 68n 50V

VIN_24V, L603 22u, L604 22uH_3.9A_SMD, OPTIONAL, C636 35V 1000u, C639 68n 50V, AMP_24V

C636 1000UF 30000361 USED

OPSIONAL POP NOISE CONN
FOR SIGNAL SLOWING RAPIDLY
DURING SHUT DOWN

PL600, VCC_3V3, VCC_12V, PANEL_5V, S611, S608, S609, S610, D608 1N4148, D609 1N4148, C648 100u 50V, Q601 BC858B, R630 10k, Q602 BC848B, R631 10k, R629 100k, C649 68n 50V

100U 25V IS USED
30000353

POP NOISE CIRCUIT

AMP_EN

FEEDBACK_R

IC601 MP7722

AMP_24V, R609 100k, C612 1n 50V, C615 10u, R610 100k

L601 50R_100MHZ_3A, C631 50V 47u

SHEET3: AMPLIFIER_R, C608 10u 50V, R603 12k

SHEET3: AMPLIFIER_L, C609 10u 50V, R604 12k

AMP_EN, R611 10k

AMP_24V, R607 100k, C611 50V 10u, R608 100k, C616 1n 50V, C618 68n 50V, R612 10k

C621 3n3 50V, C619 68n 50V, C622 2n2 50V

C625 1u 25V, C627 68n, C629 470n 16V, C626 1u 25V, C628 68n, C630 470n 16V

D604 1N5819, D605 1N5819, D606 1N5819, D607 1N5819, D602 C516, D603 C516

R614 20k, D600 1N4148, R615 20k, D601 1N4148

AMP_24V, L602 50R_100MHZ_3A, C632 50V 47u

R647 10k N.C., R622 10k, R646 10k N.C., R623 10k

R641 33R, R617 33R, R642 33R, C634 390p 50V, R634 33R, R618 33R, R633 33R, C635 390p 50V

R624 120k, L607 22u OPTIONAL, L608 22uH_3.9A_SMD, C640 22p 50V, C642 470n 63V, C644 1000u 35V, R638 33R, R626 33R, R639 33R, C646 68n 50V

RIGHT OUTPUT SPEAKER CONNECTO

PL601

C644-C645 30000361 USED [20MM HEIGHT]

L605 22uH_3.9A_SMD, L606 22u —POPTIONA, C643 470n 63V, C641 22p 50V, R625 120k, C645 1000u 35V, R635 33R, R627 33R, R636 33R, C647 68n 50V

LEFT OUTPUT SPEAKER CONNECTOR

PL600

C625, C626 IS USED 30046152 1U 50V 805

Based on design by
R.GOKALAN

VESTEL ELECTRONICS TV R&D GROUP			
17MB32 32" TFT TV	SPEAKER-HEADPHONE AMPLIFIER		
VER. E0	DATE 02/11/2006	O.TEKDUR S.KARABAKIR E.ADAK	Sheet 4

REGULATORLER COK IYI SOGUTULMALIDIR.
PCB NIN ALTINA VE USTUNE GENIS SOLDER PAD LER KONULMALIDIR.

SIL9023 LU DAUGHTER BOARD TAKILMASI DURUMUNDA TAKILACAK KONNEKTOR

PL701 IC400E VCTP IC YAKIN OLACAK SEKILDE YERLESTIRILMELI

PINLERE YAKIN YERLESTIRILMELI

TMDS HATLARININ BOYLARI KISA OLMALI, YOLLAR DUZ OLMALI PAIRLER BIRBIRLERINE MUMKUN OLDUGUNCA YAKIN OLMALI

HAT BOYLARI MUMKUN OLDUGUNCA BIRBIRINE ESIT OLMALI

IC702
SIL9011

DECOUPLING VE BYPASS KAPASITELERI PINLERE MUMKUN OLDUGUNCA YAKIN OLMALIDIR!

HDMI CONNECTOR

IC703 UPA672T

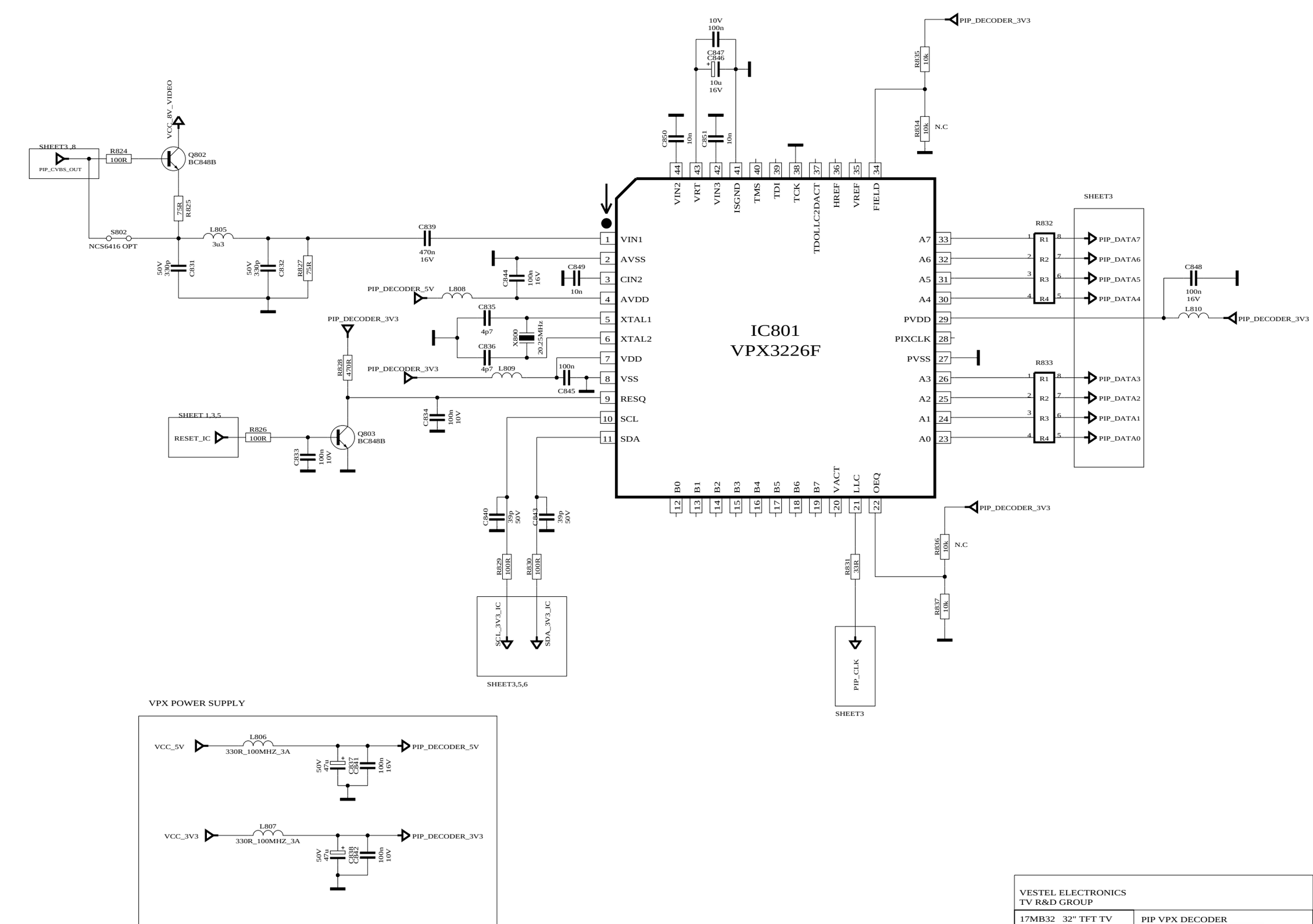
IC704 UPA672T

IC705 24LC02

IC706 SN74CB3Q3305

VESTEL ELECTRONICS TV R&D GROUP			
17MB32 32" TFT TV	HDMI		
VER. E0	DATE 02/11/2006	O.TEKDUR S.KARABAKIR E.ADAK	Sheet 5

Based on design by M:CINAR



Based on design by
R.GOKALAN

VESTEL ELECTRONICS TV R&D GROUP			
17MB32 32" TFT TV	PIP VPX DECODER		
VER. E0	DATE 02/11/2006	O.TEKDUR S.KARABAKIR E.ADAK	Sheet 6

IC901
PI5V330_SOIC
SHT1 DRX
VGA_MUX_SW
SHT2
PC_R
DMP_DVD_R
VGA_DVDDMP_R_IN
PC_G
DMP_DVD_G
VGA_DVDDMP_G_IN
TO VCTP SHT3
VCC_5V_VIDEO
R900 100k
C900 220n 16V
R901 100k
S902
S907
R904 100k
C904 220n 16V
R905 100k
S903
S908
S904
S905
S906
NCS6416 OPT
C912 220n 16V
S900
S901
600R_100MHZ_200mA
L900
VCC_10V_VIDEO
50V 22u
C902
C905 220n 16V
C913 220n 16V
SC3_CVBS_IN
SHT2
C915 100n 16V
50V 47u
C918
L904
VCC_5V_VIDEO
SMD CAP IC YE YAKIN OLACAK
R912 100k
R913 100k
C919 220n 16V
S911
S914
PR_IDTV_R_IN
VGA_DVDDMP_B_IN
TO SHT3 VCTP
IC903
PI5V330_SOIC
SHT1 DRX
YPBPR_MUX_SW
YPBPR_PR
IDTV_R
R918 100k
C920 220n 16V
R919 100k
S916
S918
C924 100n 16V
50V 47u
C925
L908
VCC_5V_VIDEO
SMD CAP IC YE YAKIN OLACAK
SHT2
YPBPR_Y
IDTV_G
R920 100k
C921 220n 16V
R921 100k
S917
S919
R922 100k
R923 100k
C934 220n 16V
S926
S931
PB_IDTV_B_IN
TO VCTP SHT3
IDTV RGB OPTIONAL BACKUP
IC905
M74HC4052
VCC_10V_AUDIO
R924 100k
C926 1u 16V
R925 100k
S933
R929 1k
R931 1k
S932
C937 1u 16V
R926 100k
R930 100k
PC_AUDIO_R_IN
YPBPR_AUDIO_R_IN
HD_AUDIO_R
Y0
Y2
COM_Y_OUT_IN
Y3
COM_X_OUT_IN
Y1
INH
VEE
GND
VCC
X2
X1
X0
X3
A
B
C946 100n 16V
600R_100MHZ_200mA
L909
R932 1k
R936 100k
C947 1u 16V
R933 100k
S938
S939
R937 100k
C948 1u 16V
R935 100k
R934 1k
R938 10k
Q902 BC848B
R939 1k
SHT2
YPBPR_AUDIO_L_IN
HD_AUDIO_L
PC_AUDIO_L_IN
SHT1 DRX
AUDIO_MUX_SW
L901 10u
VCC_5
VCC_5V_VIDEO
50V 47n
C903
L903 10u
VCC_8V
VCC_8V_VIDEO
C914
L905 10u
VCC_10V
VCC_10V_VIDEO
C922
L906 10u
VCC_10V_AUDIO
C923
IC902
TEA6415C
S909
S910
SC2_CVBS_IN
FAV_CVBS_IN
DTV_CVBS_IN
DMP_DVD_CVBS_IN
SDA_5V_IC
SCL_5V_IC
VCC_5V_VIDEO
NCS6416 OPT
VCC_10V_VIDEO
INPUT1
DATA
INPUT2
CLOCK
INPUT3
INPUT4
PROG
INPUT5
VCC
INPUT6
INPUT8
GND2
OUTPUT6
OUTPUT5
OUTPUT4
OUTPUT3
OUTPUT2
OUTPUT1
GND1
INPUT7
C906 220n 16V
R902 100R
47p 50V
C907 220n 16V
R903 100R
C909 220n 16V
C911 220n 16V
C916 220n 16V
TUNER_CVBS_SW
SHT6
R910 75R
VCC_8V_VIDEO
R907 10k
R908 100R
Q900 BC848B
S913
R915 75R
R914 1k
VCC_8V_VIDEO
Q901 BC848B
R909 100R
S912
R917 75R
R906 10k
R916 1k
R911 10k
S915
PIP_CVBS_OUT
TO PIP IC SHT6
C917 220n 16V
SC1_CVBS_IN
SHT2
VCTP_VIN2
VCTP_VIN5
TO VCTP SHT3
IC904
TEA6420
GND
CAPACITANCE
VS
L1
L2
L3
NC1
NC2
L4
L5
L0UT1
ROUT1
LOUT2
ROUT2
SDA
SCL
ADDR
R1
R2
R3
NC4
NC3
R4
R5
ROUT4
LOUT4
ROUT3
LOUT3
C938 47p 50V
R927 100R
SDA_5V_IC
C939 47p 50V
R928 100R
SCL_5V_IC
S936
VCC_10V_AUDIO
S937
C926 100u 16V
C935 22u 50V
C928 100n 16V
VCC_10V_AUDIO
L907
600R_100MHZ_200mA
C929 1u 16V
DMP_DVD_AUDIO_L_IN
S944
IDTV_AUDIO_L_IN
C932 1u 16V
SC3_AUDIO_L_IN
SHT2
C933 1u 16V
FAV_AUDIO_L_IN
C930 1u 16V
C943 1u 16V
DMP_DVD_AUDIO_R_IN
C942 1u 16V
S945
IDTV_AUDIO_R_IN
SC3_AUDIO_R_IN
SHT2
C944 1u 16V
FAV_AUDIO_R_IN
C940 1u 16V
TO VCTP SHT3
VCTP_AIN3L
VCTP_AIN3R
VCTP_AIN4L
VCTP_AIN4R
FAV_AUDIO_L_IN
S940
FAV_AUDIO_R_IN
S941
HD_AUDIO_L
S942
HD_AUDIO_R
S943
Based on design by
E.ARDALI
VESTEL ELECTRONICS
TV R&D GROUP
17MB32 32" TFT TV
AUDIO VIDEO SW
VER. E0
DATE
02/11/2006
O.TEKDUR
S.KARABAKIR
E.ADAK
Sheet 7

PL081
PANEL_5V
FPGA SUPPLY

20'' LIPS OPT. DO NOT STUFF

USE IF PW15 OR PLASMA
L084
L083

IC080
IRF7314
S1 G1 S2 G2 D1A D1 D2A D2

12V
VCC_12V
PL080
IDTV SUPPLY

16V 220u C080
C081 100n 25V
C082 100n 25V
R082 22k
R080 1k
R083 10R
Q080 BC848B
R081 10k
ON/OFF/NOT
16V 220u C083
C084 100n 25V

L086,L085,L084,L083,L082 IS USED 30001735 JUMPER SMD 1206 [LIPS OPT]

PL001
L085
VCC_12V
VIN_24V
Audio Amp.

IC007
MP1593-DC/DC
BS IN SW GND SS EN COMP FB

C075 100n 25V
R070 150k
R073 160k
N.C.
C078 10n 50V
N.C.
C076 10n 50V
R075 7k5
R072 10k
R074 1R
R071 33k
C072 22n 50V
25V 470u C070
C071 100n 25V
VCC_12V
L070 22uH_3.9A_SMD
L071 22uH_1.7A_SMD_ROHS
D070 SS33
C073 22u 16V
C074 22u 16V
C077 100n 25V
VCC_5V

3V3_STBY
R038 10k
ON/OFF/NOT
STBY_ON_OFF
R35 4k7
Q13 BC848B
R36 10k

PL002
PANEL_5V
C003 220u 16V
C007 68n
L080 30032610 10U 3A
C004 220u 16V
C008 68n
VCC_3V3
30043894 SMD1206 0.5A FUSE
F800
3V3_STBY
C002 1000u 16V
30043894 SMD1206 0.5A FUSE
F801
5V_STBY
C001 68n 50V
C006 1000u 16V
L086

LM1086 IC001
3V3_STBY
VIN VOUT GND
C010 68n 50V
C011 68n 50V
300R R004
C013 68n 50V
C015 470u 16V
1V8_STBY
IC001 30026025
R5 150R

5V_STBY
F001
FUSE_SMD_7A/32VDC_1206
LM1086 IC003
VIN VOUT GND
560R R019
C028 68n 50V
50V 68n C025
R020 910R
DO NOT STUFF
3V3_STBY
PLASMA OPT

PANEL_VCC
Q005
FDC642P
R016 330R
Q7 BC848B
R018 10k
PANEL_VCC_ON/OFF
PANEL_5V
L006 22u
12V
L007 22u
10k R012
16V 100u C016
68n C020

IC004
LM1117
VCC_12V
L081 22u
16V 220u C085
C029 68n 50V
IN OUT GND
R023 715R
C032 68n 50V
5k1 R022
C031 47u 50V
BA159 D004 1N4148 D080
BA159 D005 1N4148 D081
BA159 D006 1N4148 D082
R084 150R
VCC_10V
VCC_8V

Q011 FDC642P
VCC_3V3
3V3_STBY
R28 22k
68n C033
C034 68n
R029 10k
Q010 BC848B
ON/OFF/NOT

DO NOT STUFF
IC005
FAN2012
FB PGND SW NC VIN PVIN
R031 13k
R032 10k
1V8_STBY
L010 10u
C037 22u 16V
C038 22u 16V
C044 10u 50V
5V_STBY
PLASMA OPT

PL003
PDP_GO/BL_ON_OFF
DIM_PWM
BIG_DIM_PWM
DIM_SELECT
PROTECT_DETECT
12V
VCC_33V
3V3_STBY
5V_STBY
S001
L082
S002
S003
S004
S005
S006
S007
S008
S009
A_DIM_PWM
DIG_DIM_PWM
DIM_SELECT
ON/OFF/NOT
STBY_ON_OFF
BRT_CNTL
VCC_3V3
VCC_5V
R3 3k3
AC_INFO
R2 3k3
Q001 BC848B
R1 3k3
50V 47u C005

TFT OPT
VCC_12V
VCC_3V3
VCC_5V
S011
S012
S013
S014
R014 560R
C017 330p 50V
BC558B Q002
R010 3k3
R085 100R
R006 100R
R007 100R
R086 100R
BRT_CNTL
Q003 BC548B
R011 3k3
C018 330p 50V
Q006 BC548B
R017 3k3
C022 330p 50V
BACKLIGHT_DIM
50V 22u C014

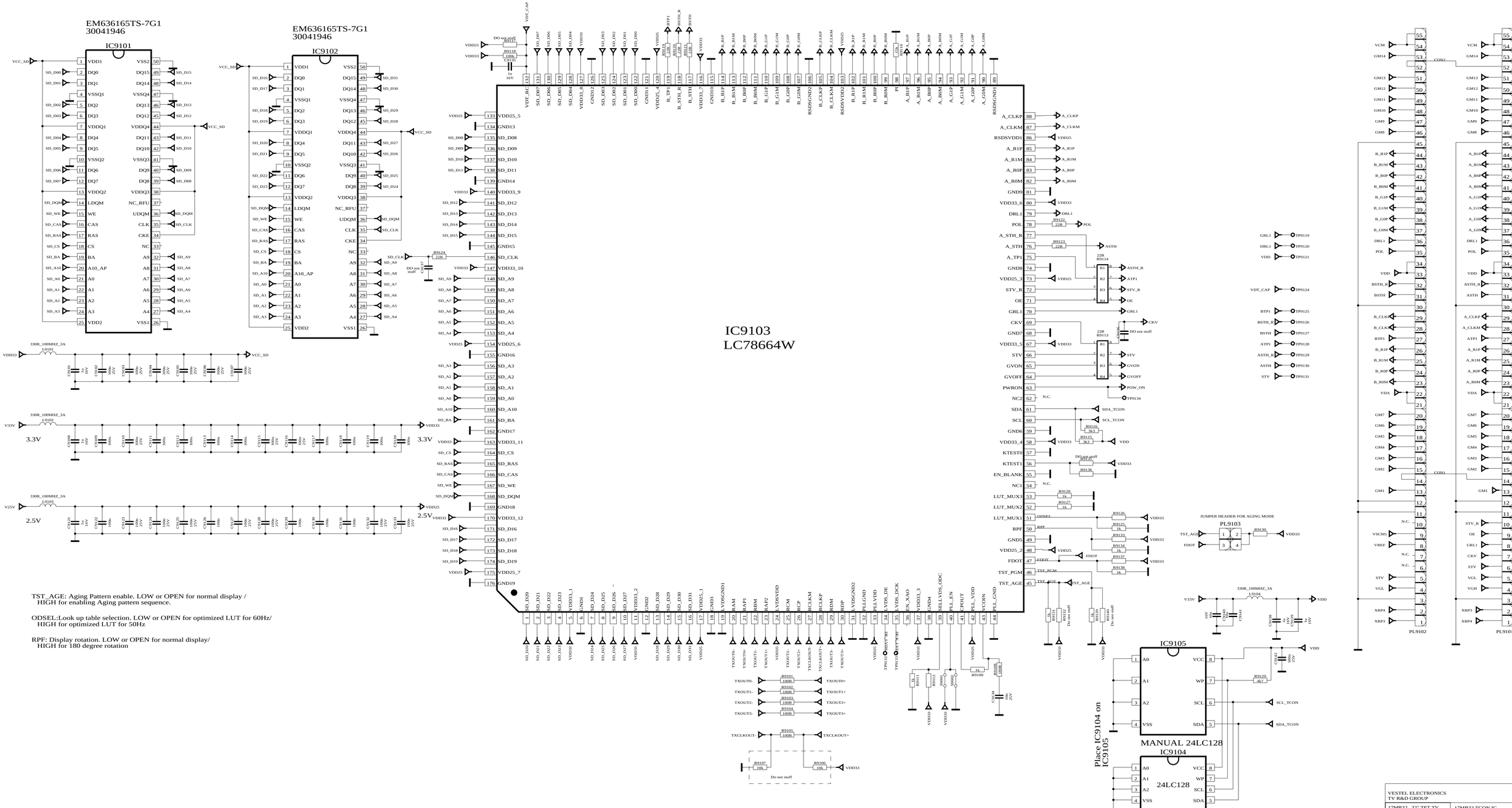
Adjustable duty
200Hz PWM generation circuit option
IC9301
LM393
OUT1 INVIN1 NON_INVIN1 VCC- VCC+ OUT2 INVIN2 NON_INVIN2
L9301
S9301
S9302
VCC_5V
VCC_8V
25V 100n C9302
1u 16V C9303
R9301 330k
R9302 100k
R9303 51k
R9304 120k
C9301 33n 50V
R9305 10k
R9306 10k
C9304 1u
D9301 CSV1
DIG_DIM_PWM
Adjustable duty 200Hz PWM
BRT_CNTL
Adjustable DC level
C9305 100n 25V

5V_STBY
R21 10k
R27 N.C. 10k
D001 1N4148
VCC_5V
R24 10k
BC858B Q008
PROTECT_DETECT
D002 C2V4
VCC_3V3
R26 10k
Q009 BC848B
D003 1N4148
VCC_8V
R25 10k
D011 1N4148
PANEL_5V

DO NOT STUFF
VCC_10V
R030 22R
L008 150u
C35 68n 50V
C036 47u 50V
D008 1N4148
L009 150u
Q012 BC337
C040 33n 50V
R33 4k7
C041 4u7 50V
D009 1N4148
D010 1N4148
R34 47R
C042 33n 50V
C039 33n 50V
C043 3u3 50V
IC006
C33
R037 1R
VCC_33V
D007 1N4148
PLASMA OPT

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EM636165TS-7G1
30041946
IC9101
EM636165TS-7G1
30041946
IC9102
IC9103
LC78664W
330R_100MHZ_3A
L9101
L9102
L9103
3.3V
2.5V
V25V
V33V
VCC_SD
VDD33
VDD25
TST_AGE: Aging Pattern enable. LOW or OPEN for normal display / HIGH for enabling Aging pattern sequence.
ODSEL:Look up table selection. LOW or OPEN for optimized LUT for 60Hz/ HIGH for optimized LUT for 50Hz
RPF: Display rotation. LOW or OPEN for normal display/ HIGH for 180 degree rotation
JUMPER HEADER FOR AGING MODE
PL9103
MANUAL 24LC128
IC9104
24LC128
SMD 24LC128
Place IC9104 on IC9105
IC9105
PL9102
PL9101
CON2
CON1
VESTEL ELECTRONICS
TV R&D GROUP
17MB32 32" TFT TV
17MB32 TCON IC
VER. E0
DATE 05/10/2006
O.TEKDUR
S.KARABAKIR
E.ADAK
Sheet 9
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TCON POWER BLOCK

IC9205 AT1380AP
IC9206 AO4422L
IC9201 LM1117
IC9202 LM1117
IC9207 PMGD8000
Q9201 BSH111
Q9200 PMBT3904
Q9204 BSS84
D9202 BAV99WT1
D9203 BAV99WT1
D9204 BZT52-C2V7S
D9201 SK24
D9200 GS431W
F9200 FHC32/1206/3.15A
S9200
S9202 0603/0R

VAA_FB
V5V
POW_ON
PANEL_VCC [5V]
V33V 3.3V
V25V 2.5V
VGL -5.5,V
VGHP
VGH 2.5V
GHP 23V
VDA 13.5V
VDA_OP
VSCM1

GAMMA BLOCK

EC5575
IC9204

VS14 VS13 VS12 VS11 VS10 VS9 VS8 VS7 VS6 VS5 VS4 VS3 VS2 VS1
VREF

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