RX SIGNAL PATH
TX SIGNAL PATH
MAIN VCO SIGNAL PATH
TUNING VOLTAGES
13 MHz REFERENCE CLOCK
DATA BUS
ADDRESS BUS
TEXT REFERENCE SIGNALS

TAI CHI - ORGANISER P5b

DCR TAICHI TRANCEIVER
P/N 0404731R1
SHEET 3 (LOGIC)

ISS.	COMMENTS	DATE
P1_v1	COPY OF FROM EDIMER	
P1_V4	TAICHI PROTOTYPE RELEASE	02/05/99
P2_V2	P2 RELEASE	04/04/99
P3_V5	P3 RELEASE	04/26/99
P4_V8	P4 RELEASE	05/25/99
PCB	PCB PROTOTYPE RELEASE	05/Jun/99

V1
Q9802
V2
PB2
RS232 Data
UPLINK
U2601
RTS*
RS232 Data
DOWNLINK
U2601
CTS*
U2601
UPLINK_GCAP
U2601
DOWNLINK_GCAP

IrDA
U9812
PDA_VCC
IRDA_TXD
IRDA_RXD
SD_IRDA

TXD
PC_RXD
TXD
IRDA_TXD
TXD
URXD
PB12
BOOTSTRAP*

V2
Data Flow Enable
PB3
RXD
U9805
UTXD
From Whitecap to Dragon Ball
Data Flow Enable
IRDA_EN
U9805
IRDA_RXD
From IrDA to Dragon Ball
RXD
U9805
PC_TXD
From PC to Dragon Ball
RXD

PB10
RTS*
U2600
U_CTS
Control Flow of information between Whitecap and Dragon ball
CTS*
U2600
U_RTS

TCK_RET
TCK
EMU0
EMU1
V2

PDA_VCC
U2000
Dragon Ball
RESET*_PDA
DB_RESET*
PDA_RW*
PDA_OE*
RXD_TXD
CTS*
RTS*
BOOTSTRAP*
SECOND_VCC
PWM_OUT
SPEAK_TP915
LS1
Alert new fwd from Dragonball see GCAP
PDA POWER SECTION
U9811
DC to AC Converter gives 60mA 100V amplitude AC waveform to drive
BACKLIGHT
EL*
U9801
EPROM
U9816
EPROM
U9810
DRAM
CASO*
CAS1*
PDA_OE*
DWE*
RAS0*
TOUCH_CS*
TOUCH_INT*
SPM_RXD
SPM_TXD
SPM_CLK
TOUCH PANAL INTERFACE
U9808
X and Y information from touch screen.
SPM_CLK
TOUCH_CS*
SPM_TXD
SPM_RXD
PEN_IRQ*
Top left bottom right of touch screen location.
LCDOFF*
LACD
LCLK
LFRM
LLP
J9807
J9809
J9808
J9810
J9805
J9830
LCD Connector
VOL1 VOL2 VOL3
DISP_OUT
DFCOM_OUT
FRAME_OUT
VM_OUT
VD2_OUT
VD1_OUT
VDD_OUT
VCC_OUT
VSS_OUT
CP
LOADSE
LOADCO
DFSEG
DFCOM
FRAME
VD1
VD2
VM
VS12
VDD
VCC
VSS
GND
EL*
GND
LOAD_IN
LLP
DE_IN
LACD
FRAME_IN
LFRM
LCDOFF*
PDA_VCC
WD_INT*
PB5
DW_INT*
KBC2
U_CTS
CTS
U_RTS
URTS_PA5
RESET_PDA
PB11
SECOND_VCC
ALRT_VCC

REVISIONS

Europe Middle East & Africa Customer Services	28.10.99
LEVEL 3 PDA SCHEMATICS	Rev. 1.1
TAI CHI Organiser	Ver P5b
Michael Hansen, Ray Collins, Ralf Lorenzen	

GSM Service Support
Level 3 Authorized