VCC_RX1
VCC_RX
RX BPF
869~894MHz
RXI_OP
RXQ_OP
60kHz
60kHz
High side
119.7M
90
0
1/324
1/7980
1/2
B4876
119.64MHz
MAX2324
RX
AMPS
Duplexer
DFY0836H
ANT
Switch
TX
AGC_RX1
AMPS
Audio
FM Discrim
AMPS
RSSI
RSSI
Processing
VCC_VCO
VCO
MVH-1000
985-1015MHz
VCC_RX
239.40MHz
1/1296
RF
Detector
AD8314
VCC_VCO
TXI_IP
Zarlink
LEO MGCM02
VCTCXO
19.44MHz
VCC_VCO
988.65~1013.61MHz
VCC_TX
-Vbias
Cellular-Band
Power Amplifier
ECM806
TXQ_IP
IF PLL
RF
PLL
Serial
Control
0/90
MAX2365
BPF
824~850MHz
Sync.
Serial Data
329.28MHz
TxFM
TXI
TXQ
1/2
0
90
45/-45
AFC
TXCO2
AGC_TX
LVM321
164.64M
PA_CEL
TX_LEVEL

MODE	Tx Freq.	Rx Freq.	LO1 Freq.	LO1 ¥Äf	TxLO	TxIF	TXIFref	nTr	Txref
AMPS	824.01~848.97MHz	869.01~893.97MHz	988.65~1013.61MHz	30kHz	329.28MHz	164.64MHz	240K	648	30kHz
TDMA/800	824.01~848.97MHz	869.01~893.97MHz	988.65~1013.61MHz	30kHz	329.28MHz	164.64MHz	240K	648	30kHz

Telian
53-3 Haan-Dong
Kwangmyung-si
Kyunggi-Do, Korea

Drawn	Checked	Approval	ECO No.	REV.	DATE
J.D LEE	K.C KIM	K.S Seo		0	July03.03

COMPANY : Telian corporation
TITLE : Dual-Mode RF parts BLOCK
SIZE : A3
Model Name : FTD8500
SHEET : 1 OF 2