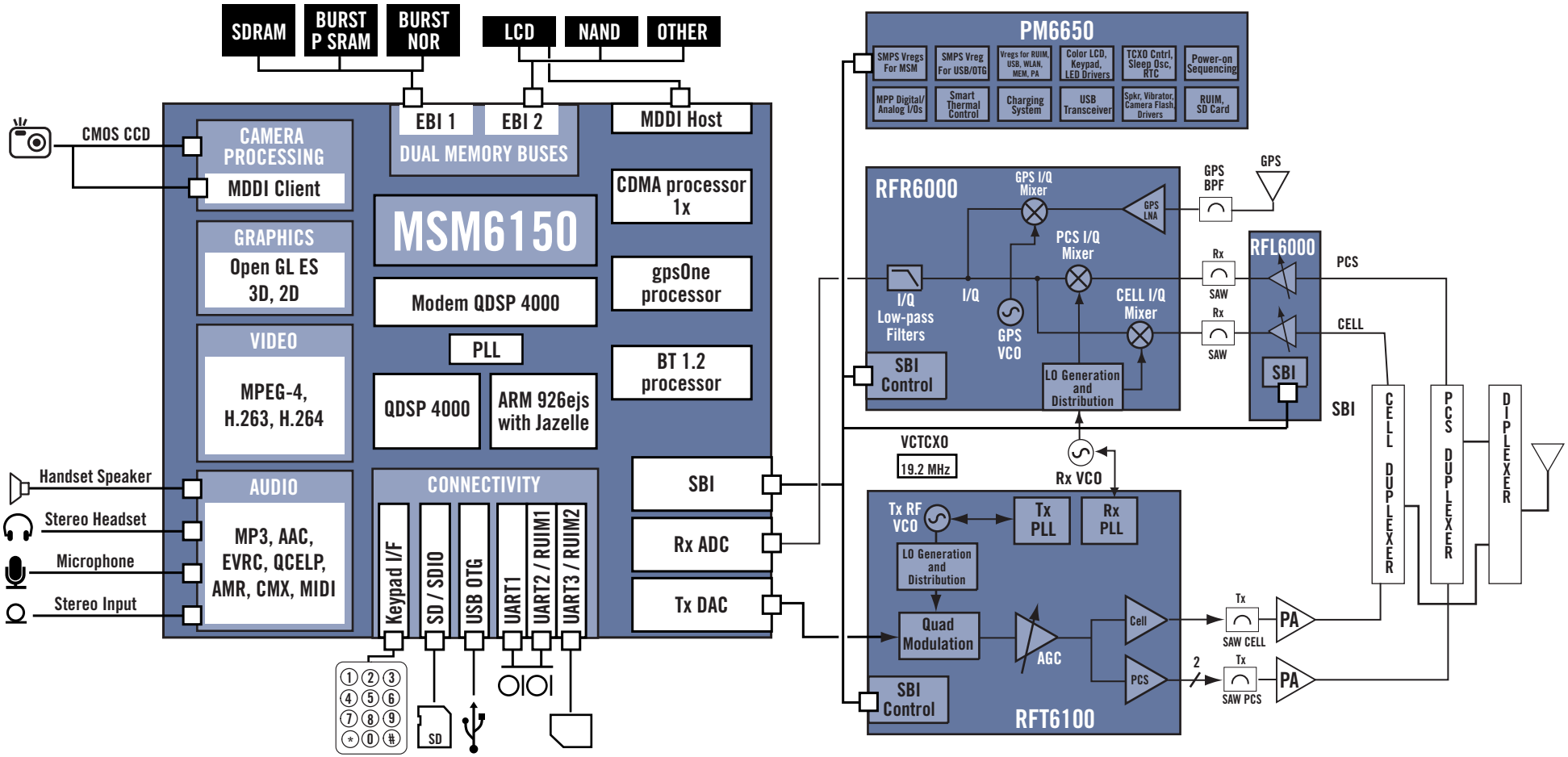
SDRAM
BURST P SRAM
BURST NOR
LCD
NAND
OTHER
EBI 1
EBI 2
DUAL MEMORY BUSES
MDDI Host
CMOS CCD
CAMERA PROCESSING
MDDI Client
GRAPHICS
Open GL ES 3D, 2D
VIDEO
MPEG-4, H.263, H.264
AUDIO
MP3, AAC, EVRC, QCELP, AMR, CMX, MIDI
MSM6150
CDMA processor 1x
gpsOne processor
Modem QDSP 4000
PLL
QDSP 4000
ARM 926ejs with Jazelle
BT 1.2 processor
CONNECTIVITY
Keypad I/F
SD / SDIO
USB OTG
UART1
UART2 / RUIM1
UART3 / RUIM2
SBI
Rx ADC
Tx DAC
Handset Speaker
Stereo Headset
Microphone
Stereo Input
SD
PM6650
SMPS Vregs For MSM
SMPS Vreg For USB/OTG
Vregs for RUIM, USB, WLAN, MEM, PA
Color LCD, Keypad, LED Drivers
TCXO Cntrl, Sleep Osc, RTC
Power-on Sequencing
MPP Digital/ Analog I/Os
Smart Thermal Control
Charging System
USB Transceiver
Spkr, Vibrator, Camera Flash, Drivers
RUIM, SD Card
RFR6000
GPS I/Q Mixer
GPS LNA
PCS I/Q Mixer
I/Q Low-pass Filters
I/Q
GPS VCO
CELL I/Q Mixer
LO Generation and Distribution
SBI Control
GPS BPF
GPS
Rx
SAW
RFL6000
PCS
CELL
SBI
VCTCXO
19.2 MHz
Rx VCO
Tx RF VCO
Tx PLL
Rx PLL
LO Generation and Distribution
Quad Modulation
AGC
Cell
PCS
SBI Control
RFT6100
Tx
SAW CELL
SAW PCS
PA
CELL DUPLEXER
PCS DUPLEXER
DIPLEXER