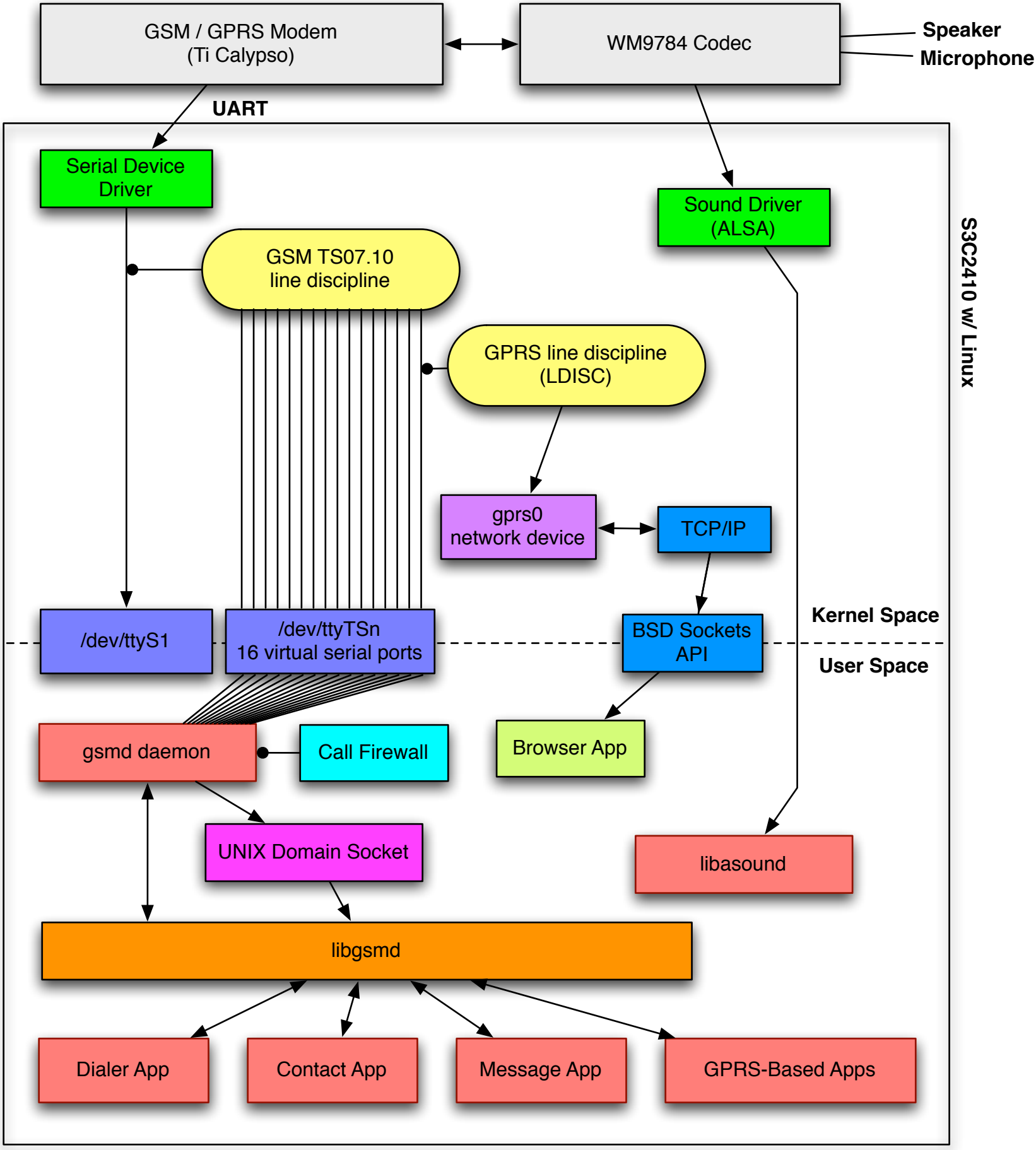
GSM / GPRS Modem
(Ti Calypso)
WM9784 Codec
Speaker
Microphone
UART
Serial Device
Driver
Sound Driver
(ALSA)
S3C2410 w/ Linux
GSM TS07.10
line discipline
GPRS line discipline
(LDISC)
gprs0
network device
TCP/IP
/dev/ttyS1
/dev/ttyTSn
16 virtual serial ports
BSD Sockets
API
Kernel Space
User Space
gsmd daemon
Call Firewall
Browser App
UNIX Domain Socket
libasound
libgsmd
Dialer App
Contact App
Message App
GPRS-Based Apps