

ENGR 1202 ECE Lab Project

Team _____

Date _____

Frequency

824-894 MHZ (analog cellular)

1850-1990 MHZ (PCS)

2400-2497 MHZ (Bluetooth)

Substrate

Copper clad circuit board

Glass wafer

Quartz wafer

Sapphire wafer

75 mm silicon wafer

100 mm silicon wafer

Conductor

Copper

Nickel

Chrome

Aluminum

Chrome/Gold

Silver

Other _____

Mask

Commercial mask (\$500)

Laser printer/transparency

Pattern generator/direct write on substrate

Pattern generator/chrome master mask

Comments

