

## Mask Attributes - Mobile Phone Project

Photo Mask	ADVANTAGES	DISADVANTAGES
Commercial Mask	Top quality um lines Long life Multiple layers no problem Unlimited arrays	Expensive - \$500-800/layer 2-3 week delivery
Pattern Generated Mask	In house fabrication Can change design easily Uses Autocad rules 10 um lines	Long fab time per pattern Difficult to array complex patterns Difficult to creat4e multiple layers
Laser Print on Transparency	In house fabrication Can change design easily Can use any program Inexpensive	Limited size lines Poor line definition Easily damaged Multiple layers impossible Prequires high quality laser printer