

- e) Main steps manofabrication

 Top-down is water is processing is dicing is packaging

 But tom-up is molecular sup is self-assembly is obtained in clearing

 Litography
- They are collective vibrations of an electron gas (or plasma)
 surrounding the atomic lattice sites of metal
 re-oscallations that exist at the interface between any two
 materials where wal part of delectric fraction changes sign
 across interface

How to excite via prism coupling
We excite evanescence field
We introduce a prism in provincity of guiding hilm

In mosns

If transverse momentum inside prism kep

matches modes propagation & the plane wave

from the prism is coupled.

- o) Scattoring
- e) Theories

o) How to obtain circulary polarized from unpolarized We put a livear pularizer and then a wave retarder The wave retarder delays one axis by a phase. For instance, linear polaritor in x axis and quarter wave reherder liveur - 1 ret

Scattering

Dedirection of radiation out of the original direction dee to interactions with multicules and particles
or refraction, reflection, diffraction etc are all different forms of scattering

or Types: clastic, inclastic, quai-clastic, single, multiple