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TERAFAB: the next step to becoming a galactic civilization

Together with @SpaceX & @xAI, we're building the largest chip manufacturing facility ever (1TW/year) – combining logic, memory & advanced packaging under one roof.

To harness as much power as possible from the Sun, we need to send 100 million tons of solar capture into space – per year.

This requires massive scale.

– Capability to launch millions of tons of mass into orbit

– Solar-powered AI satellites

– Millions of @Tesla_Optimus robots to help build it out

All of these need chips: 100-200GW of chips for Optimus alone, plus terawatts for solar-powered AI satellites.

That's more than all the chip manufacturers in the world combined can provide today, or even by 2030 (based on projected production growth).

We're building TERAFAB to close the gap between today's chip production & the future's demand – a future among the stars

terafab.ai

> **Tesla** @Tesla · Mar 21
> Announcing TERAFAB: the next step towards becoming a galactic civilization
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