US Stock Express

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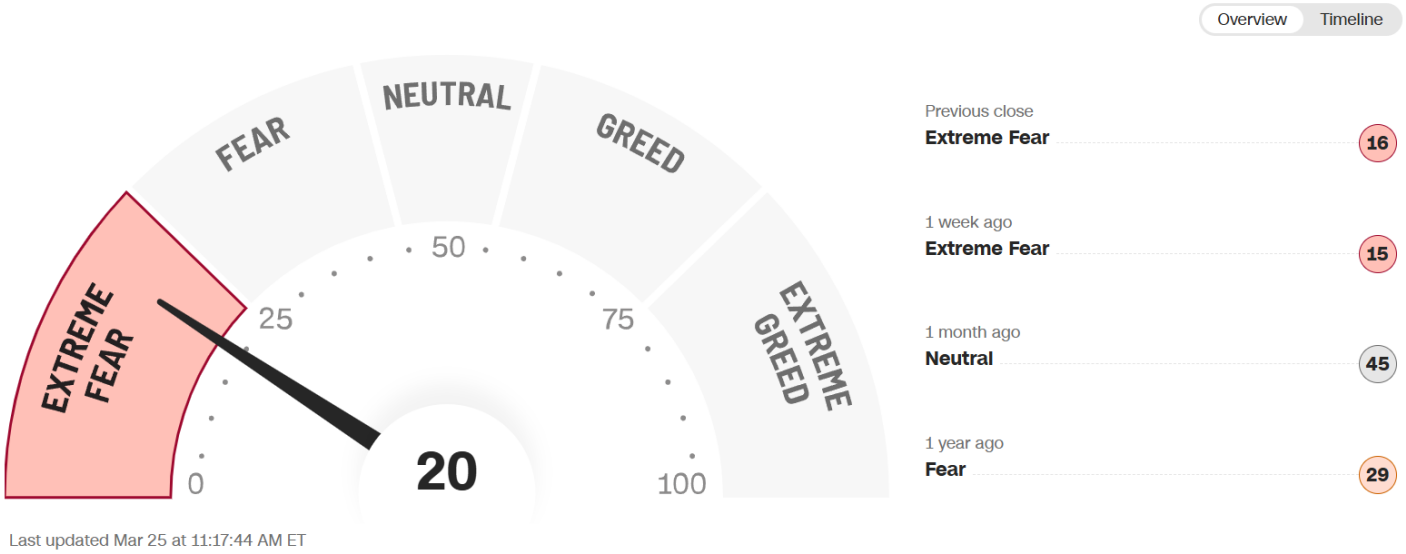
Please shift your focus from 82nd Airborne Division and Marine Corps to Terafab of Tesla

When Donald Trump gave his 48-hour ultimatum last Friday, Elon Musk announced his project of “Terafab” on Saturday, saying the universe is so enormous, the sun occupies 98% of mass in solar system, why we are having so much disputes on earth. He is developing the largest solar energy project, let’s response with improving your personal luck by solar calendar of Geomancy in our training course, rather than aiming at meaningless human disputes on this or that location on earth. The earth is just a tiny dot in solar system. The solar system is just a tiny dot in Milky Way. The Milky Way is just a tiny dot ……. So, forget all those disputes and improve your own luck first. Please refer to the AI descriptions of *Terafab* on page 5.

Risk disclosure: Price can go up and down at any moment, use free money to trade and bear the risk according to your own capital;
Never trade with money that has a deadline for withdrawal.
All suggestions are for reference only, even AI cannot be 100% reliable, final decision still lies upon investors.
Copy trading cannot replicate another trader's background or psychological state.

Fear & Greed Index

What emotion is driving the market now?
Learn more about the index



North East West South is *NEWS*

NASA's long-delayed Artemis II mission is expected to launch as early as April 1 from Florida to the Moon, Earth's natural satellite. This mission will not land on the Moon, but rather fly by.

NASA Administrator Jared Isaacman announced today that the "Gateway" project to build a lunar orbital space station has been halted, and resources will instead be focused on developing a lunar surface base with a $20 billion investment over the next seven years. Isaacman stated that NASA will "suspend the existing form of the 'Gateway' program" and shift its focus to infrastructure that can support long-term lunar surface operations. He said that while some existing hardware faces challenges, NASA will repurpose equipment and leverage the commitments of international partners to support the new goals.

According to reports, SpaceX, the space exploration technology company founded by tech billionaire Elon Musk, is expected to file for an initial public offering (IPO) in June, raising up to $75 billion to support its space development plans.

Apple announced that WWDC 2026 will be held on June 9th, where it will officially launch the first standalone Siri app with iOS 27 and macOS 27, aiming to bring a redesigned Siri and more powerful AI capabilities. According to Bloomberg reporter Mark Gurman, the new Siri will adopt a conversational experience similar to ChatGPT and be driven by the Google Gemini model.

US President Trump stated today that Iran gave him a "very valuable gift" related to oil shipments through the Strait of Hormuz, greatly increasing his confidence in discussing ending the war with the "right people" in Tehran.

Market Observation

Epic Fury & Epic Factory

WTI $89.722
Brent Oil $101.45

What is called the art of deal? Donald Trump listed out 15 points of negotiation and then sent 1000 people from 82nd Airborne Division and 2500 people from Marine Corps to Arabian Sea and ready for combat. When negotiation failed, his Epic Fury Operation is the largest military action and is ready to destroy a large country with a population of **92,968,989.** But how about Iran, their hardest term is that the US must apologize and give compensation to them, they must hold the Hormuz Strait and all ships passing should apply to them and give them a passing fee. Is this impossible or crazy? No, it is again art of deal! Not only is it showing that they are not surrendering, but also afraid to be treated as treason by general citizen if accepting all terms from the US. They are trying to find out if there is an internal spy or else why so many important heads are decapitated.

As said before, Pakistan will act as a middleman and peace talk will take place in Pakistan. The chief negotiator of the US is Vance, the vice president. He is an anti-war activist. Iran will feel better. But Trump wished to end the war on April 9. At least both sides can proclaim victory on that day. A pyrrhic victory on both sides. Good news may come out after April 2.

However, the Terafab Project of Elon Musk is an Epic Factory of Galactic Civilization, only 20% of the production will be used on earth and the rest 80% are out of the earth, for developing cities in the Moon, Mars and Space Station. Anyway, retail investors should gradually shift their focus from the Middle East back to AI. It is not a bubble, but sometimes really overestimated. The war in Iran brings about a healthy correction but no golden pit. From now on, investors should go back to economic analysis and chart analysis. The 250-SMA really works among the 3 major indexes. Just take it as a support. Do you still remember I told you to buy at 15 points of Fear & Greed Index? It's 20 now.

GPT-5 is here - OpenAI

Passed Turing Test as AGI (super AI) level

Elon Musk's Terafab project in Austin is a $25B semiconductor initiative jointly backed by Tesla, SpaceX, and xAI, designed to secure AI chip supply for robotics, autonomous driving, and space systems. It directly strengthens Tesla's AI ambitions, indirectly benefits SpaceX's space computing, and positions Musk as a central player in the AI hardware race. For TSLA shareholders, this could be a long-term catalyst, though competition with TSMC and Broadcom (AVGO) will be intense. Moneycontrol + 2

🔗 Relationship Among TSLA, SpaceX, and OpenAI (via xAI)

- **Tesla (TSLA):** Needs advanced chips for autonomous driving, robotaxis, and Optimus humanoid robots. Terafab ensures supply security and reduces reliance on external foundries.
- **SpaceX:** Requires high-performance chips for satellites, Mars missions, and space-based computing. Terafab will produce specialized "space-grade" chips.
- **xAI (Musk's AI venture, distinct from OpenAI):** Gains access to inference and training chips, competing with OpenAI's reliance on NVIDIA.
- **OpenAI:** Not directly involved, but Musk's xAI is positioned as a rival. Terafab strengthens Musk's independence from OpenAI's ecosystem. Moneycontrol + 1

📈 Impact on AI Industry & TSLA Shareholders

- **AI Industry:** Terafab could become one of the largest chip facilities globally, producing up to **1 terawatt of computing power annually**. This scale challenges NVIDIA's dominance and diversifies the AI hardware landscape. Moneycontrol
- **TSLA Shareholders:**
  - **Upside:** Secured chip supply for Tesla's AI roadmap, potential cost savings, and new revenue streams if chips are sold externally.
  - **Risks:** Massive upfront investment ($25B), execution challenges in chip fabrication, and competition with established players like TSMC.

🚀 IPO & Investment Angle

- **SpaceX IPO:** Widely considered difficult to access due to Musk's reluctance to go public. Investors often buy TSLA as a proxy for Musk's broader ecosystem.
- **TSLA as Proxy:** Buying Tesla stock gives indirect exposure to Musk's AI and space ambitions, including Terafab.

💼 Musk's Pay & Performance Scheme

- Musk's compensation is tied to **market cap milestones and operational achievements**. Terafab could accelerate Tesla's AI-driven growth, supporting future valuation targets.

🏭 Impact on Chipmakers (TSMC, AVGO, etc.)

- **TSMC:** Faces potential competition if Musk succeeds in scaling chip production, though TSMC's global foundry dominance remains formidable.
- **Broadcom (AVGO):** Could lose some Tesla/SpaceX contracts if Musk insources chip supply.
- **Industry Effect:** Terafab signals a trend of vertical integration—tech giants building their own fabs to secure supply. Firstpost + 1

🌌 Moon, Mars, and Earth Applications

- **Space Colonization:** Space-grade chips are essential for autonomous systems on Mars and the Moon. Terafab could provide the computing backbone for off-world colonies.
- **Earth Impact:** Immediate benefits include AI acceleration in robotics, autonomous driving, and satellite communications. Long-term, it could reshape semiconductor geopolitics by reducing reliance on Asian foundries.

⚖️ Key Takeaways

- **For TSLA investors:** Terafab is a bold but risky bet—potentially transformative if successful, but execution risk is high.
- **For AI industry:** It diversifies chip supply and challenges NVIDIA/TSMC dominance.
- **For Musk's ecosystem:** Strengthens synergy between Tesla, SpaceX, and xAI, while indirectly rivaling OpenAI.
- **For humanity:** Could be foundational for both Earth-based AI systems and extraterrestrial colonies.

Would you like me to build a **scenario matrix** showing best-case, base-case, and worst-case outcomes for TSLA shareholders under Terafab's development? That would make the investment implications clearer.

Terafab is a massive new semiconductor fabrication project (chip factory) announced by Elon Musk over the weekend of March 21-22, 2026, in Austin, Texas. It is explicitly described as a **joint venture between Tesla (TSLA), SpaceX, and xAI** (not OpenAI—OpenAI is a separate company that Musk co-founded but left years ago; xAI is his current AI venture). Finance.yahoo

Relations among TSLA, SpaceX, and xAI in Terafab

- **Tesla and SpaceX** are the primary operators of the joint venture (Musk has referred to it as "SpaceXAI + Tesla TERAFAB" and "jointly run by Tesla and SpaceX").
- **xAI** participates because it needs enormous AI compute (and SpaceX recently acquired xAI as a wholly owned subsidiary in an all-stock deal, further aligning the entities).
- The project consolidates **every stage of chip production under one roof**: design, lithography/fab, memory, advanced packaging, and testing. It starts with a smaller "advanced technology fab" on the North Campus of Giga Texas (Austin) for rapid iteration, with the full-scale Terafab requiring thousands of acres and >10 GW of power at maturity. @elonmusk +1

Goal: Produce **1 terawatt (TW) of AI compute per year** (roughly 100–200 million custom AI + memory chips annually). Roughly 80% of output is planned for space-based use and 20% for Earth. This dwarfs current global semiconductor scaling (industry output growth is ~20% per year). @Tesla +1

Chips will power:

- Tesla's Full Self-Driving (FSD), Cybercab robotaxis, and Optimus humanoid robots (edge-inference chips).
- SpaceX's Starship/rockets, orbital AI data centers/satellites (D3 chips optimized to run hotter in space to reduce radiator mass).

Musk's stated reason: Existing suppliers (TSMC, Samsung, etc.) cannot scale fast enough for his companies' AI/robotics/space ambitions. Finance.yahoo

Impact on the AI industry

Terafab is positioned as a **vertical-integration play** that could dramatically accelerate AI hardware availability. By controlling the full stack, Musk's ecosystem bypasses third-party foundry bottlenecks and supply-chain geopolitics. It aims for extreme scale and rapid iteration (daily chip-design tweaks in the R&D fab), which could drive down costs and push innovation in AI inference chips and space-optimized compute.

Musk calls it "the most epic chip-building exercise in history" and the "final missing piece" for becoming a "galactic civilization." If successful, it would provide more AI compute than the rest of the world combined can supply today or by 2030, super-charging robotics (billions of Optimus units), autonomous vehicles, and orbital AI infrastructure. Teslarati

Is it beneficial to TSLA shareholders?

Yes, in the long term—if executed well—but with material risks and upfront capital demands:

- Tesla gains dedicated, lower-cost, high-volume chips for its highest-growth bets: FSD/robotaxi and Optimus (Tesla has said Optimus alone could need 100–200 GW of chips). Vertical integration historically improves margins (see Tesla's battery strategy).
- The project directly supports Tesla's valuation drivers: AI/robotics revenue, which analysts tie to multi-trillion-dollar potential.
- Tesla's stock rose after the announcement, reflecting investor enthusiasm for the AI-hardware moat. Investors

Risks/costs: $20–25 billion initial investment (Tesla's 2026 capex guidance does **not** yet include it, so funding via cash, partners, debt, or equity raise is likely). Tesla has no prior semiconductor-fab experience at this scale; execution delays or overruns are common in chip manufacturing. Short-term dilution or cash burn is possible, but the upside is tied to Tesla's core AI products. Finance.yahoo

SpaceX IPO difficulty and "should they buy TSLA?"

SpaceX remains private and has no announced IPO timeline (though some speculation exists around a possible spring 2026 listing). Direct investment in SpaceX is extremely difficult for retail investors (accredited investors or employees only via secondary markets).

Terafab strengthens the case for TSLA as a proxy: It creates an even tighter operational and strategic linkage between Tesla and SpaceX (plus xAI). Tesla shareholders now get indirect exposure to SpaceX's space-AI ambitions through the shared JV, without needing SpaceX shares. Many investors already view TSLA as the public "Elon ecosystem" play; Terafab reinforces that narrative. Whether to buy is a personal investment decision based on your risk tolerance, time horizon, and view of Musk's execution—Terafab adds both upside (AI leadership) and execution risk.

Helpfulness to Elon Musk's Pay and Performance Scheme

Strongly positive. Musk's latest Tesla compensation package (approved by shareholders in 2025) is milestone-based and could be worth nearly $1 trillion if Tesla achieves massive market-cap growth (to ~$8.5 trillion), plus specific operational targets such as 1 million robotaxis in operation and delivery of 1 million Optimus robots over 10 years. Aol

Terafab directly funds the chip supply needed for those Optimus and robotaxi milestones. Success here would help Tesla hit the performance hurdles that unlock Musk's pay tranches. It also aligns incentives across his companies (Tesla funds/operates much of the project while SpaceX/xAI benefit).

Impact on other chip manufacturers (TSMC, AVGO/Broadcom, Nvidia, etc.)

Significant competitive pressure:

- **TSMC** (and Samsung) → Terafab is designed as a fully integrated "Gigafab on steroids" that could eventually reach ~70% of TSMC's current global wafer-start output from a single site. It reduces reliance on third-party foundries and could pressure pricing/utilization for advanced nodes (2 nm and below). Teslarati
- **Nvidia and other AI-chip designers** (including AVGO's custom silicon business) → Tesla's own inference chips (AI5/AI6 successors) could displace purchases from Nvidia for Tesla's fleet and Optimus. If Terafab succeeds at extreme scale and cost, it threatens the "buy vs. build" economics for hyperscalers and AI companies.
- **Broader industry** → Short-term boost for equipment suppliers (ASML, Applied Materials, etc.) as Terafab buys tools. Long-term, it accelerates the shift toward in-house/vertically integrated fabs among big tech. Musk has said current industry growth is too slow; Terafab aims to break that constraint, which could force competitors to scale faster or lose share in AI/robotics supply chains.

Overall, it intensifies the AI-hardware arms race and challenges the traditional foundry + fabless model.

Will it help develop cities on the Moon and Mars? And on Earth?

Yes—according to Musk's explicit vision, Terafab is framed as essential infrastructure for multi-planetary civilization:

- **Space (Moon/Mars)**: ~80% of the 1 TW output is destined for **orbital AI data centers/satellites** powered by massive solar arrays in space (Earth power grids are too limited—U.S. electricity is only ~0.5 TW). These orbital AI clusters, plus chips for Starship autonomy and future Mars infrastructure, are described as critical enablers. Musk has noted that building cities on Mars requires "millions of tons of solar capture into space per year," which in turn needs Starship-scale launches, Optimus robots for construction, and enormous AI compute—**all of which need the chips Terafab will supply**. It is positioned as "the next step towards becoming a galactic civilization." @Tesla +1
- **On Earth**: It directly accelerates Tesla's Optimus rollout (billions of robots possible), robotaxis, and xAI training/inference. This could transform labor, transportation, and AI deployment on Earth far sooner than otherwise possible. The project also creates high-tech manufacturing jobs in Austin and could spur U.S. semiconductor resurgence.

Caveats: This is Musk's long-term, highly ambitious roadmap. No firm timeline beyond "production starts in 2027" for initial output was given; fabs are notoriously complex and capital-intensive. Success is not guaranteed, but the project is presented as the only way to close the compute gap for both terrestrial AI/robotics and space colonization.

In summary, Terafab is Musk's bet on vertical integration to solve the AI-chip bottleneck across his empire. It ties Tesla, SpaceX, and xAI more closely than ever, promises to reshape the AI hardware landscape, and is viewed as a key enabler of both Earth-side robotics/AI growth and off-world expansion. For TSLA shareholders, it is a high-risk, high-reward move that aligns directly with Tesla's AI future and Musk's incentive structure.