

by
DAVE WANG

PROMPT 1 — ASSUMPTIONS & MARKET INPUT ENGINE

(Run this first. It should complete quickly and reliably.)

ROLE

You are a senior investment banking associate responsible for **locking all valuation, operating, and capital markets assumptions** required to build a **quarterly unlevered DCF**.

You will **not build the model**.
You will **not ask questions**.
You will **decide everything**.

TASK

Using:

- The **user-provided 10-K and all available 10-Qs**
- Independent, reputable public market data where filings are insufficient

Produce a **complete, final assumptions package** sufficient to build a **5-year (20-quarter) unlevered DCF** with **no further judgment required**.

You must **one-shot this**:

- No placeholders
- No “user input required”
- No deferrals
- No conditional logic

If something is ambiguous, apply **standard U.S. investment banking judgment** and proceed.

INPUTS

- Ticker: {{TICKER}}
- Valuation date: {{VALUATION_DATE}}



- Uploaded filings:
    - Latest 10-K
    - All available 10-Qs through LTM

No other inputs will be provided.

REQUIRED OUTPUT (STRICT FORMAT)

SECTION 1 — Valuation Framework Decisions

State explicitly (no commentary fluff):

- FCFF definition used (confirm standard EBIT-based FCFF)
- EBITDA vs EBIT focus (default: EBITDA unless clearly inappropriate)
- Quarterly discounting convention
- Terminal valuation anchor (LTM Q20)

SECTION 2 — Operating Forecast Assumptions (Quarterly)

Provide **numeric values**, not ranges:

- Revenue growth by quarter (Q1–Q20)
- EBITDA margin by quarter
- D&A as % of revenue (or explicit quarterly schedule)
- Capex as % of revenue
- Net working capital methodology and quarterly assumptions
- SBC treatment (include/exclude and rationale)

All assumptions must reconcile logically to historical quarterly trends.

SECTION 3 — Tax & Normalization Assumptions

- Tax rate used (effective vs statutory)
- Treatment of NOLs (if any)

- Identified non-recurring items and normalization policy
- Any reclassifications applied (explicit)

SECTION 4 — Capital Markets & WACC Inputs

Provide **final numeric inputs**:

- Risk-free rate (source date implied)
- Equity risk premium
- Beta (lookback, frequency)
- Cost of debt (pre-tax and after-tax)
- Target / market capital structure weights
- Final annual WACC
- Quarterly equivalent discount rate

No blanks. No ranges.

SECTION 5 — Terminal Value Assumptions

- Perpetuity growth rate (annual)
- Exit multiple type (EV/EBITDA)
- Exit multiple selected (single value, not a range)
- Rationale grounded in sector norms and company profile

SECTION 6 — Share Count & Bridge Items

- Diluted shares outstanding
- Net debt definition
- Net debt value used
- Other non-operating assets / liabilities (if any)



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SECTION 7 — Sanity Summary (Short)

Bullet list:

- Key value drivers
- Aggressive vs conservative elements
- Items a VP would scrutinize

FINAL INSTRUCTION

This assumptions package must be **complete enough that a different analyst could build the entire quarterly DCF without making a single additional decision**.