General Information 

* Material: 456783767811 -ERR\_PC1-PH WLAN radio
* Supplier: Silex
* Used In: WLAN MX40s
* Total Spend: 370K
* LTB executed in 2019, is running short in May 2025.
* Attributed to an increased demand in the MX40 WLANS and Allegro launch delays. Negotiating with Silex on a shipping schedule, to limit inventory impact all at once

General Assessments

* Replacing the existing PH-SDMAN WLAN radio with the new USI WLAN radio (WiVue III, Allegro) is a major HW and SW redesign. Duration = 18-24 months (redesign of HW, new SW release, extensive HW and SW testing, new regulatory clearance, ...). Cost for a redesign is 500k€+ (labor & non-labor)
* After redesign completion, remaining volumes are 6k parts = ~230kUSD inventory (< 500k€+ Investment).

Last Time Buy Proposal

|  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Simulated Scenario | 2024-07 | 2024-08 | 2024-09 | 2024-10 | 2024-11 | 2024-12 | 2025-01 | 2025-02 | 2025-03 | 2025-04 | 2025-05 | 2025-06 | Thru 2025 | Thru 2026 | Thru 2027 | Thru 2028 | Thru 2029 |
| DEMAND | 42 | 53 | 56 | 47 | 47 | 52 | 64 | 64 | 74 | 64 | 64 | 74 | 256 | 68 | 60 | 60 | 60 |
| STOCK | 50 | 8 | -45 | -101 | -148 | -195 | -247 | -311 | -375 | -449 | -513 | -577 | -651 | -907 | -975 | -1035 | -1095 |
| SUPPLY (PO, QM) | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 | 0 |
| Simulated Purchasing | -8 | 45 | 101 | 148 | 195 | 247 | 311 | 375 | 449 | 513 | 577 | 651 | 907 | 975 | 1035 | 1095 | 1155 |