



Inventory Valuation and Product Costing

SOLUTIONS FOR THE FABLESS INDUSTRY

Complete support for finance and product costing. Includes yielded cost models, cost rolldown support, detailed cost and variance analysis, 3-way match for vendor invoices, complete ERP integration, historical inventory reporting, and roll forward inventory analysis.

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Eliminate Duplicate Data Entry
Fully integrated 3-way match, procurement processes, sales order processes, and product costing.

Speed Month End Closing
Automated costing and variance analysis, a full suite of reports, full ERP integration, and roll forward inventory analysis shorten the normal month end close by days.

Simplify Standard Cost Entry
Streamlined change management, including easy to use standard cost entry screens and uploads. Quickly perform rolldown analysis and update standard costs.

Gain Understanding of Cost Variables

Dive deep into cost by product, element of cost, vendor, yield, variance history, and cost by production attribute. Gain understanding of the cost impact by lot and the overall drivers of cost to improve forecasts and future costing.

Rolldown Validation									
Item	Material	Quantity	Unit Cost	Standard Cost	Yielded Cost	Yielded Cost %	Yielded Cost Diff	Yielded Cost Var	Yielded Cost Adj
FAB-CHTR / 1	R4000 / 1	R4000	Version1						
FAB-CHTR / 1 / R4000 / 1 / R4000		WAFER	0.0000	0.0000	0.0000	100.00	0.0000	800.0000	800.0000
ASV-AMK / 1 / R4000-8GA216 / 1 / R4000-8GA216		DIE	0.0000	0.0000	0.0000	98.00	0.0000	11.6492	11.6492
TST-STAT / 1 / R4000-8GA216-TQ / 1 / All Items		DIE	0.0000	0.0000	0.0000	75.69	0.0000	16.7700	16.7700
SRT-CHTR / 1 / R4000-P / 1 / R4000-P		DIE	0.0000	0.0000	0.0000	72.25	0.0000	8.1662	8.1662
ASV-AMK / 1 / R4000-8GA216 / 1 / R4000-8GA216		DIE	0.0000	0.0000	0.0000	98.00	0.0000	11.6492	11.6492
TST-STAT / 1 / R4000-8GA216-TQ / 1 / All Items		DIE	0.0000	0.0000	0.0000	75.69	0.0000	16.7700	16.7700
ASV-ASE / 1 / R4000-8GA216 / 1 / R4000-8GA216		DIE	0.0000	0.0000	0.0000	96.04	0.0000	11.8192	11.8192
TST-STAT / 1 / R4000-8GA216-TQ / 1 / All Items		DIE	0.0000	0.0000	0.0000	77.44	0.0000	16.6200	16.6200
ASV-ASE / 1 / R4000-QFP208 / 1 / R4000-QFP208		DIE	0.0000	0.0000	0.0000	98.01	0.0000	10.4532	10.4532
TST-STAT / 1 / R4000-QFP208-TQ / 1 / All Items		DIE	0.0000	0.0000	0.0000	75.69	0.0000	14.8450	14.8450
ASV-ASE / 1 / R4000-QFP216 / 1 / R4000-QFP216		DIE	0.0000	0.0000	0.0000	98.01	0.0000		
TST-STAT / 1 / R4000-QFP216-TQ / 1 / All Items		DIE	0.0000	0.0000	0.0000	75.69	0.0000		

Standard Cost Rolldown Validation
Yielded cost rolldown through IBOM for unlimited versions of standard cost

Process Cost Analysis									
Item	Material	Quantity	Unit Cost	Standard Cost	Yielded Cost	Yielded Cost %	Yielded Cost Diff	Yielded Cost Var	Yielded Cost Adj
PROD00000098	TET-ASE	ASE	1,000.00	1,000.00	1.50	0.00	14.99	100.00	14.99
PROD00000042	TET-ASE	ASE	2,012.50	1,799.00	1.50	0.00	14.99	87.38	18.76
PROD00000043	TET-ASE	ASE	2,474.00	2,135.00	1.50	0.00	14.99	86.14	19.00
PROD00000044	TET-ASE	ASE	1,749.00	1,745.00	1.50	0.00	14.99	89.28	18.94

Process Cost Analysis
Detailed product cost analysis and variance analysis

Inventory Roll Forward										
Item	Material	Quantity	Unit Cost	Standard Cost	Yielded Cost	Yielded Cost %	Yielded Cost Diff	Yielded Cost Var	Yielded Cost Adj	
Item Number	12/31/2005 06/15/2004	Change	Analysis	Difference	Sales	PO Receipt	Adjustments	Variance	Outs	Intr
R5000	193000	37900	119900	119900	0	0	706900	(1900)	1900	(591000)
Item Number	12/31/2005 06/15/2004	Change	Analysis	Difference	Sales	PO Receipt	Adjustments	Variance	Outs	Intr
R5000-P	110638	0	110638	110638	0	0	69421	0	21189	(570973)
Item Number	12/31/2005 06/15/2004	Change	Analysis	Difference	Sales	PO Receipt	Adjustments	Variance	Outs	Intr
R5000-8GA249	14325	0	14325	14325	0	0	62149	923	2303	(211654)
R5000-8GA256	162230	0	162230	162230	0	0	293358	0	(71862)	(435633)
Item Number	12/31/2005 06/15/2004	Change	Analysis	Difference	Sales	PO Receipt	Adjustments	Variance	Outs	Intr
R5000-8GA249-TQ6	12651	0	12651	12651	0	(116282)	23163	1041	(4006)	0
R5000-8GA249-TX6	3480	0	3480	3481	1	(109943)	13982	292		
R5000-8GA256-TQ6	56146	146222	(90054)	(90055)	1	(206271)	40083	(70657)		
R5000-8GA256-TX6	89569	143000	(57931)	(57932)	(1)	(267369)	32896	0		

Inventory Roll Forward Analysis
Inventory change analysis by production sequence and transaction type

FEATURES OVERVIEW

Vendor Invoice Management

Multicurrency procurement. Three- way match of procurement PO to received lots to vendor invoice. Fully integrated with procurement and ERP.

Yielded Costing Models

Semiconductor standard cost model, including input material, vendor value-add and standard yield.

Variance Analysis

Automatic calculation of production variances. Computes six distinct variances. Full reporting and analysis tools.

Inventory Cost Roll-forward

Analysis of change in inventory value by stage of production, looking at receipts, variances, COGS, adjustments and cost roll-forward.

Change Impact Analysis

Unlimited versions of standard cost. Comparative analysis between released version and alternate standard cost. Identification of dollar impact to inventory. Change and re-work support.

Finance and Operations Sandboxes

Finance and standard yield are distinct and separate from operations yield, allowing operations to plan and forecast while maintaining cost model stability.

Standard Cost Variable Support

Cost per production step can include input materials, consumed materials, overheads and vendor costs. Each cost is stated appropriately for variance analysis and cost history.

Detailed Account Posting Mapping

Cost ERP integration supports account mapping by product link, production sequence and NPI, in any combination imaginable.

Full Suite of Financial Analysis and Inventory Valuation Reports

Historical and current invoice value reporting. Product cost analysis by vendor, lot, and production variable, within a time period.