

SOLUTIONS FOR THE FABLESS INDUSTRY

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Reduce your incidence of missed ship dates with automatic commit date updates to customer service.

Global view of supply and demand facilitates smarter, faster decision-making.

Manage the banks and inventories more precisely and improve cost efficiencies up and down the supply chain, increasing inventory turns.

Quickly answer business-critical questions about resource availability.

With global views of supply, capacity can be allocated more responsively.

Create more reliable long-term projections and respond faster to short-term fluctuations.

Moderate short-term demand fluctuations, reducing WIP inventories and minimizing obsolete stocks.

Supply Flush Report									
Lot Type	Production Family	Location	Output	Date From	Date To				
All	ARGUS	All Locations	All Items	01/01/2000	12/31/2004	Run	Excel		
Current						Projected F/G			
Source	Lot Type	Vendor/Location	Prod Release	Prod Lot #	Quantity	Output Item	Date	Quantity	
ARGUS-BGA216	INV	ANKOR/P3		CH00002-1	480	ARGUS-BGA216-CH300	08/11/06	33	
						ARGUS-BGA216-CH300	08/11/06	14	
						ARGUS-BGA216-CH300-TR	08/11/06	14	
						ARGUS-BGA216-CH300-TR	08/11/06	33	
						ARGUS-BGA216-CH600	08/11/06	14	
						ARGUS-BGA216-CH600-TR	08/11/06	14	
						ARGUS-BGA216-DI300	08/11/06	33	
						ARGUS-BGA216-DI300	08/11/06	14	
						ARGUS-BGA216-DI600	08/11/06	14	
						ARGUS-BGA216-DI600	08/11/06	14	
						ARGUS-BGA216-DI600	08/11/06	14	
						ARGUS-BGA216-DI600	08/11/06	14	
ARGUS-BGA216	INV	ANKOR/P3		ANK-001	1000	ARGUS-BGA216-CH300	02/19/06	1000	

Supply Flushed to
all potential finished
goods items

[illegible]

Supply and Demand Overview for starts, banks, saleable items

Capable-to-Promise (CTP)											
Lot Type	Production Family	Location	Output	Date From	Date To						
ALL	R5000	All Locations	All Items	01/01/2000	12/31/2006	<input type="button" value="Get"/> <input type="button" value="Exit"/>					
Current						Projected F/G					
Source	Lot Type	Vendor/Location	Prod Release Prod Lot #	Current Qty	Commit Qty	OPR Qty	Output Item	Date	Plush Qty	Commit Qty	CTR Qty
R5000/I	WIR	TSMC/TW #1	PROD00000636	50	50	0	R5000-BGA249-TQ6	01/01/06	10000	0	
							R5000-BGA249-TQ6	01/01/06	10000	543	
							R5000-BGA249-TW6	01/01/06	10000	3932	
							R5000-BGA249-TW6	01/01/06	10000	0	
							R5000-BGA256-TQ6	01/01/06	10000	385	
							R5000-BGA256-TQ6	01/01/06	10000	0	
							R5000-BGA256-TW6	01/01/06	10000	0	
							R5000-BGA256-TW6	01/01/06	10000	4868	
R5000/I	WIR	TSMC/TW #1	PROD00000631	400	41	359	R5000-BGA249-TQ6	05/09/06	80000	0 7180	
							R5000-BGA249-TQ6	05/09/06	80000	0 7180	
							R5000-BGA249-TW6				
							R5000-BGA249-TW6				

Capable to Promise

Capable to Promise
helps meet unanticipated
demand efficiently

FEATURES OVERVIEW

<i>Semiconductor Manufacturing</i>	Supports inverted BOM one-to-many production model, distributed supply chain (COTS), multi-vendor production sourcing, multiple end products from one wafer, wafer-to-die conversion, programmable devices, multi-chip modules, re-marking and re-screening, yields and cycle times by production step, binning and downgrading.
<i>Supply Management</i>	Full supply flush to all potential finished goods items makes efficient use of existing material. If supply is short after demand match, starts are recommended based on standard yield and cycle time requirements.
<i>Supply/Demand Match</i>	Demand includes backlog, forecast, and component material (for multi-chip modules, substrates, etc.). Forecast is netted. Planners view suggested supply routes to meet demand, and make specific routing decisions as required. Demand priority and supply priority are considered in the match.
<i>Production Planning and Vendor Forecasting</i>	Planned production orders and starts generate forecasted vendor orders and inventory. Vendor production forecast meets requirements for vendor partnerships and capacity planning.
<i>Multi-level Demand Forecasting</i>	Easily upload and download forecasts; unlimited versions stored by “as of” date and version. Store history for trend and accuracy analysis, waterfall view and performance graphs. Supply demand match nets at the product or customer level by period.
<i>Planner Tools</i>	Ability to hard peg or soft peg supply demand match. Time fence capability to support planner-defined or managed events. Safety stock by part and location for saleable items as well as bank items. Production calculator automates computations for timelines and required quantities. Exception management for lates, shorts, vendor/plan mismatch, pegging yield shortage, as well as user-defined exception handling.
<i>Planner's Dashboard</i>	Task list highlights required starts and planned production orders with insight into end demand fulfilled. Fully streamlined integration into procurement and lot routing. Ability to link in exception reporting for actionable events.
<i>Real-time Available-to-Promise (ATP)</i>	Planner actions update customer service's visibility into available material including override/issue messages. ATP includes planned and actual supply, backlog and forecast demand. Customer service can take customer calls and provide immediate response.
<i>Real-time Capable-to-Promise (CTP)</i>	Planners can view the potential to deliver unplanned orders based on existing supply, which is unmatched to demand. Quick visibility supports fast response times and the ability to accept additional demand when possible.
<i>Calculate and Report Excess Inventory</i>	Including actual or projected inventory over demand forecast.
<i>Automated Interface to Subcontractors</i>	Integration mapping server allows planners to easily import detailed WIP data from vendors.
<i>Full Integration with ERP</i>	Fully integrated with production and inventory modules as well as forecast.

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