

**Ensuring Product & Business Continuity
Delivering Lifecycle Management Solutions**

.... Transforming component management into a driver for innovation and growth

Managing the supply chain is more critical than ever as obsolescence, counterfeit stock and non-compliance risks continue to grow.

Would you like an effective product information management solution that enables your business to rapidly launch new product introductions, avoid costly production interruptions, product re-designs, and improve sustainability over life?

Fabrinet UK are able to provide all the information you need to assist you in designing a product that will avoid shortages, provide alternatives for at-risk parts and ensure product longevity from proof of concept through to end of life

- **Obsolescence Reporting**
- **Last Time Buy Information**
- **Counterfeit Alerting**
- **Years to End Of Life Forecasting**
- **Form Fit & Function 'drop-in' Replacements**
- **Identify equivalent parts to meet performance and temperature**

Identifying the right components and supply chain partners, whilst avoiding obsolescence, compliance and counterfeit risks can make the difference between success and failure

...Supply Chain Solutions making the right choice

Keeping up with ever changing technology and the economic uncertainties associated with global supply chains is something that OEM's continue to disregard until its too late

Fabrinet UK's lifecycle management service enables engineering and sourcing professionals to identify the best components for their products

Comprehensive consistent and accurate information, including:

- **Tens of millions of components from over 1700 world-wide manufacturers**
- **500+ manufacturers constantly being updated**
- **400+ Categories including**
 - Integrated circuits (μ BGA's, FPGA's, QFP, QFN's)
 - Frequency control devices (Oscillators and Crystals)
 - Optoelectronics (LED's)
 - RF/Microwave
 - Fibre optic devices
 - Inductors
 - Resistors
 - Capacitors
 - Electromechanical devices
 - Connectors
- **Powerful parametric searching and cross-referencing across manufacturers**
- **Commercial, Industrial and Military graded parts**
- **Historical traceability of legacy parts**

Additional value added information

- Datasheets (current and historical)
- Application notes and timing diagrams
- Product Change Notices
- End of Life Notices

... **Reduce the risk and save on cost**

How can your organisation develop successful products and meet these conflicting goals? Information is the key

Some manufacturers take a case-by-case approach and address design, obsolescence and compliance issues as they arise. Many rely on disparate, unorganised catalogues or web sites for the latest component and supplier information. Others use spreadsheets to attempt to manage complex product configurations over lifecycles that can last for decades. However, as products become more complex and longevity requirements grow, the cost of getting it right first increases

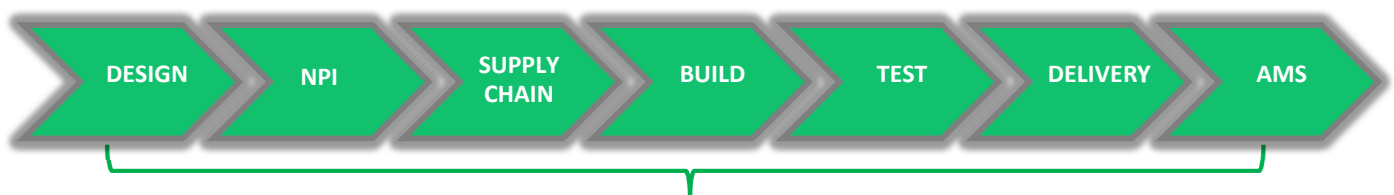
Reduce Costs – *Optimizing Product Development*

Find the right components and suppliers more efficiently to meet your product design objectives. Fabrinet UK access to vast data can support your design cycles as it develops

Reduce Risks – *Assured Compliance and Longevity*

Selecting the right components that are free of hazardous substances and get early insight into at-risk parts. Fabrinet UK can advise on parts that comply with environmental regulations and provide lifecycle forecasts for critical components to prevent late-state changes to designs and assure availability for extended service lives

The Complete Product Lifecycle, One Service – One Solution



Reducing Time to Market

... Reporting

Detailed analysis of your bills of materials

What next?

Fabrinet UK can offer flexible costs and proposals to support your interest?

- One time review of BoM (bills of materials)
- Monthly, Quarterly or Six monthly review
- Consolidation of multiple BoM's/line items
- **On-Demand** service (report analysis within 24hrs)

Example of what your report could look like...

fabrinetUK		Date 05th January 2014	BoM Rev B						
		Customer ABC Electronics	Product Description Infra Red Camera						
		Level PIN 1234_56 Rev B							
Health Score	Customer PIN	Matched PIN	Matched Mfr	Mfr Status	Life Cycle Stage	Availability YTEOL	LTB Date	Lead (Pb) Free	RoHS Compliant
4.7	AZ23C15	AZ23-C15	GENERAL SEMICONDUCTOR INC	TRANSFERRED	DISCONTINUED-TRANSFERRED	0			
4.7	V120ZA6	V120ZA6	LITTELFUSE INC	DISCONTINUED	DISCONTINUED	0	01-Aug-2010	NO	NO
5	TAJB105K035R	TAJB105K035R	AVX CORP	DISCONTINUED	DISCONTINUED	0		YES	YES
5	NTE0505M	NTE0505M	C&D TECHNOLOGIES INC	DISCONTINUED	DISCONTINUED	0		NO	NO
5	DS5022P-683	DS5022P-683	COILCRAFT INC	DISCONTINUED	DISCONTINUED	0		YES	YES
5	MC912D60AMFU8	MC912D60AMFU8	FREESCALE SEMICONDUCTOR INC	DISCONTINUED	DISCONTINUED	0	30-Jun-2006	NO	NO
4	ZMM16	ZMM16	DIODES INC	ACTIVE-UNCONFIRMED	DECLINE	< 1			
4.6	LQG21N1R0K10	LQG21N1R0K10B1	MURATA MANUFACTURING CO LTD	ACTIVE-UNCONFIRMED	DECLINE	1 - 2			
3.5	HEF40106BT	HEF40106BT	NXP SEMICONDUCTORS	ACTIVE	DECLINE	4 - 8		YES	YES
2.8	HDSP-U511	HDSP-U511	AVAGO TECHNOLOGIES INC	ACTIVE	MATURE	> 8		YES	YES
2.6	SM6T33A	SM6T33A	STMICROELECTRONICS	ACTIVE	MATURE	> 8		YES	YES
2.9	DS1608C-154	DS1608C-154	COILCRAFT INC	ACTIVE	MATURE	> 8		YES	YES
2.2	DG408DY (MAX308ESE)	DG408DY	MAXIM INTEGRATED PRODUCTS INC	ACTIVE	MATURE	> 8		NO	NO
2.8	LM317A7NOPb	LM317A7NOPB	TEXAS INSTRUMENTS INC	ACTIVE	MATURE	> 8		YES	YES

- **Health Score**
 - provides market view of continued availability of the part (out of 5)
- **Life Cycle Stage**
 - provides current status of component
- **Availability (Years To End of Life)**
 - provides estimated component longevity

For a free no obligation quotation
please contact our sales team to discuss further

Contract Electronic Manufacturing Solutions



... Global Electronics, serviced locally

Supply and Demand

'**On-Demand**' is a fully equipped technology driven manufacturing facility that offers enhanced flexibility to support rapid and complex assembly services

We believe that Fabrinet UK's '**On-Demand**' service is unique in the UK, offering:

- Full turnkey quotes from 3 days
 - '**On-Demand**' capacity available to you when you need it!
 - Dedicated plant and personnel
 - 24hrs a day, 7 day per week with ability to reserve a production slot
 - Post build manufacturing reports
 - Full transparency during quotation and fulfilment cycle
-
- Labour only quotes in 24 hrs
 - Robust technical and fulfilment processes
 - Continuous investment to support leading edge technology
 - Access to high value "Tier One" professional services (advice/insight)
 - Bill of material (BoM) obsolescence review and reporting

We believe that no other quick turn service can provide such technically advanced products to such demanding timescales

"Fabrinet UK's ability to meet exacting turnaround schedules is a crucial element of the relationship between our two organisations"

Adrian Temple-Brown



Comprehensive Design & Support Excellence

... Professional Services

Fabrinet UK prides itself on adding value at the early stages of product development, even more so during the need to utilise the '**On-Demand**' service. Our comprehensive range of first class design, support and manufacturing services is undertaken by OEM's and multiple Blue chip organisations world-wide

Our depth of skill and industry expertise enables us to quickly understand your business, providing honest and practical advice and solutions throughout the entire product life-cycle. This drives a reduction in design times and improves manufacturing efficiency

Offering Value Add to the Process

- Full product design via key partners
- Pre and Post Manufacture Technical Support providing:
 - DfM (Design for Manufacturing)
 - DfT (Design for Test)
 - DfV (Design for Volume)
 - Comprehensive Reporting for continuous improvements
- PCB Design (Schematic Capture and Layout)
- Mechanical Design
- IPC Training
- New Product Introduction
- Dedicated Project Management
- Test Development and Test hardware creation
- Offshore Expert Partner Management



Altium **cādence[®]**



Mentor
Graphics[®]

Logo images courtesy of partners

Solutions Management

Understanding the requirements at the early stages of each design and knowing when and where to build your product once signed off is essential. At Fabrinet UK having the 'On-Demand' service prior to best in class offshore manufacturing facilities is essential in ensuring the design is fit for volume and stable to transfer. All of this is managed by our own centre of excellence facility in the UK



European HQ ~ Centre of Excellence

- On-Demand – time critical, technology and special projects
- High Mix Low to Medium Vol PCBA and Box Build Solutions



Global Supply Chain - Bangkok, Thailand

- Over 40 professionals supporting quotations and material sourcing activities

5x Offshore Manufacturing Sites

Thailand - Bangkok, - 1m Sq. Ft. & Chonburi - 500k Sq. Ft

- High Volume PCB Manufacturing
- Advanced Optical Packaging
- Specialist Automotive Business Unit



China - Fuzhou, 'CASIX' - 230k Sq. Ft

- Custom Optics and Precision Glass Manufacturing

New Jersey - USA, 'Vitrocom' - 40k Sq. Ft

- Custom Optics and Precision Glass Manufacturing

Santa Clara - USA, 'FabrinetWest' - 75k Sq. Ft

- High Mix Low to Medium Vol PCBA
- Advanced Optical Packaging
- Box Build Tested Solutions

Interested?

Please do not hesitate to contact us for a free, no obligation proposal

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We look forward to hearing from you