



cmass



// ABOUT CMASS

CMASS are focused on working closely with our customers providing fast turnaround, flexible, high quality and cost effective solutions from prototype through production builds...

We are an ECM (Electronic Contract Manufacturing) company, providing wide ranging flexible manufacturing services including Complete Product build assembly and Test; Printed Circuit Board Assembly; Wiring Harness / Cable Assembly and Software media duplication services.

Built on the vast experience, knowledge and talents of former Nortel and Avaya employees with decades of service in Manufacturing, CMASS has emerged as one of the leading Electronic Contract Manufacturers in Northern Ireland.

All our manufacturing services operate to LEAN Manufacturing principles, use state of the art equipment and involve highly trained technicians and Operators working in first-class ESD controlled factory facilities. Using our leading edge ERP/MRP systems, CMASS can also accept orders through EDI.

We deliver globally from our 18,500 square foot factory based in the Greater Belfast area just off the M2 motorway.

We are located within 15 minutes from both Belfast International and Belfast City Airports and the same from the main Belfast shipping ports.

+ CORE BUSINESS

**/ COMPLETE PRODUCT BUILD,
ASSEMBLY & TEST**

// PCBA, AOI & TEST

/// WIRING HARNESS & CABLE ASSEMBLY

//// SOFTWARE MEDIA & DUPLICATION



/ COMPLETE PRODUCT BUILD, ASSEMBLY & TEST

For Original Equipment Manufacturers (OEM) and / or Original Design Manufacturers (ODM), CMASS can satisfy all your manufacturing outsource requirements, providing fully outsourced production services for any sector. With many years of industrial experience, CMASS has a highly educated, trained and technically competent workforce. All operations are conducted out of our leading edge facility located in the Greater Belfast region.

PROCESS

Based on LEAN Manufacturing Principles and ISO9000 compliant processes.

CMASS has the ability to become an integral part of your supply chain in an on-going basis.

We can also perform one-off manufacturing services to satisfy short term requirements if appropriate.

SERVICES PROVIDED

System Level build, assembly and test.

Product level build, assembly and test.

Sub-assembly level, build, assembly and test.

Complete and partial outsource requirements.

Products at all stages of Product Life Cycle - NPI to retirement.

PEOPLE

CMASS highly trained and experienced operators and Technicians work to TL9000 standards.

Trained in Statutory Manual Handling, H&S and LEAN Principles and Techniques.

Supported by a highly experienced process and test engineering group with 3rd level engineering and professional qualifications.

VALUE

Fast and flexible service

Superior product quality

Variable, cost competitive model

Experienced, expert team

Manufacturing processes based on LEAN principles

HOW CAN WE HELP

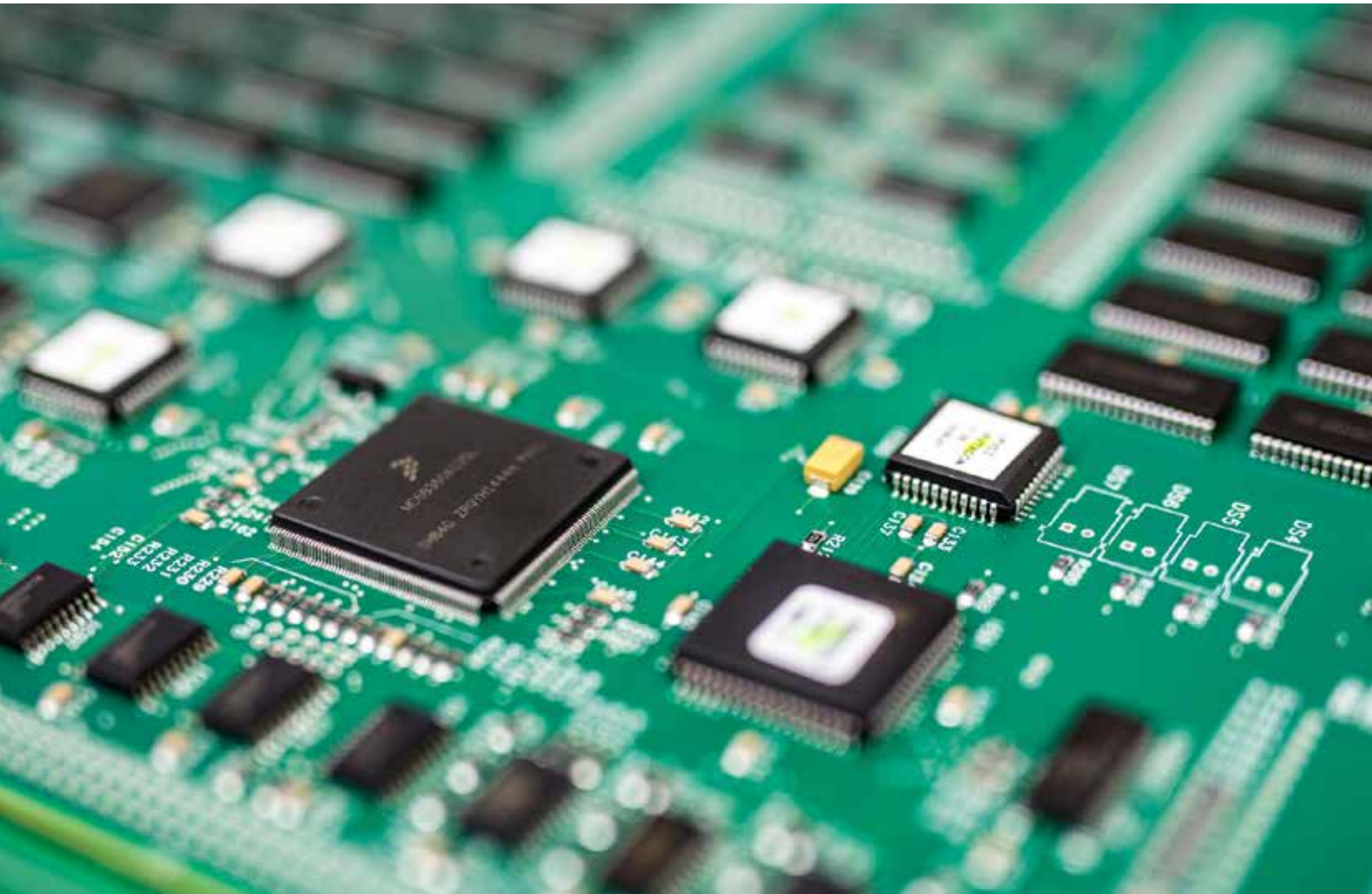
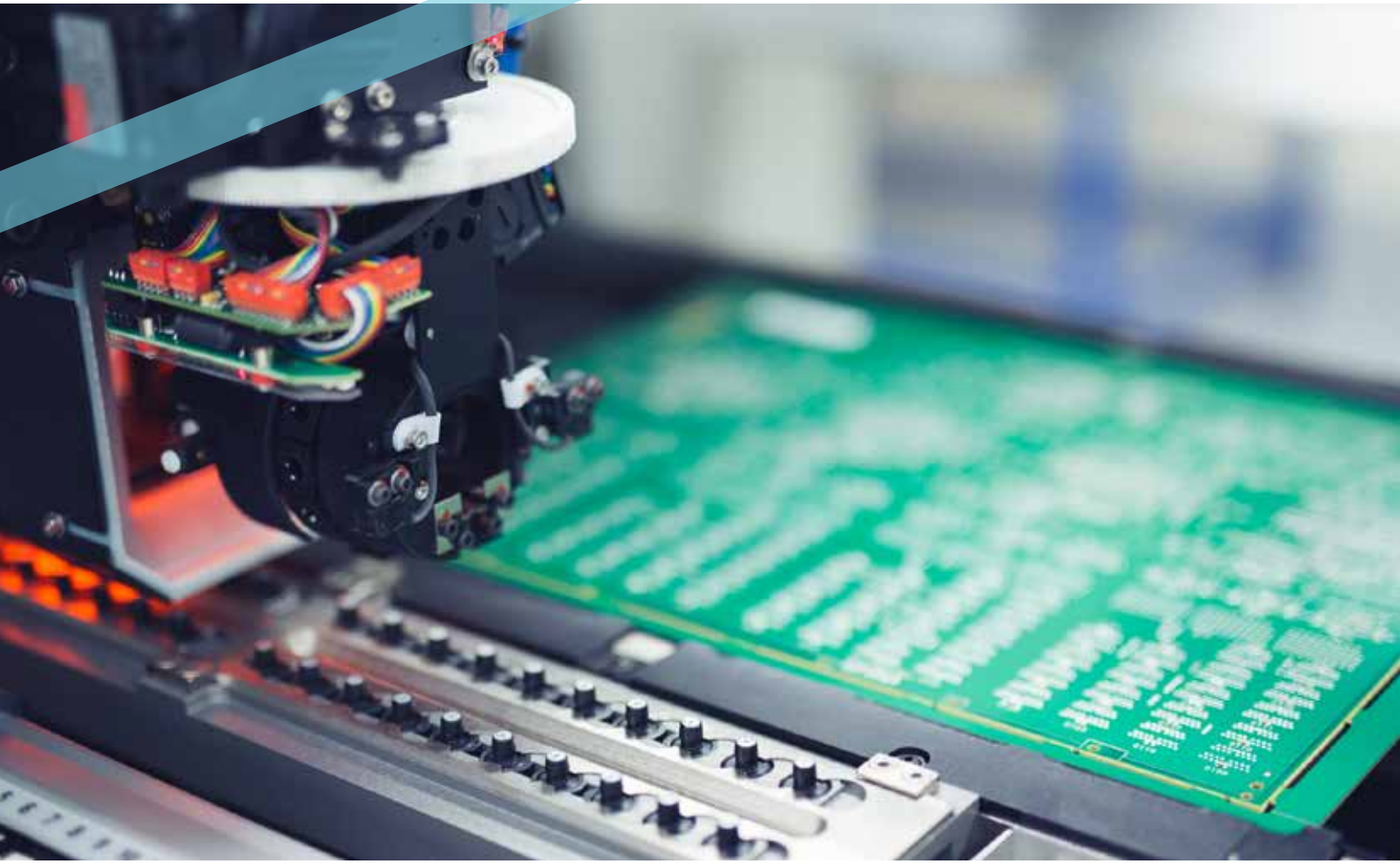
- + Be your full or partial outsource partner for all your manufacturing needs.
- + Perform hardware and software integration and test.
- + Assist in your NPI programmes to help with product DFM.
- + Manage the overall product supply chain: procurement, manufacture, test and ship.
- + Manage returns and spares: screening testing & repackaging.
- + Support short-term irregular or reasonable peaks in demand.

PLACE

We can provide your work off-site at our 18,500 sqft. facility.

Our first-class factory facilities are totally controlled and ESD protected.

On-site secure warehousing enables us to protect your goods at all times when away from your premises.



// PCBA, AOI & TEST

CMASS can provide printed circuit board assembly services to a wide range of market sectors and are fully accustomed to accurately populating complex, high density boards.

From conventional through-hole to the latest surface mount technology, we offer fast and efficient service, high quality boards, competitive pricing, expert support using qualified controlled processes.

We cover everything from new product introduction to legacy end of life and cater for High and low volume.

CAPABILITIES

Prototype to volume production
 Latest generation pick and place
 (Surface Mount Technology)
 12,500 SMT component placements per hour
 Package size 01005 to 50x50mm
 BGA placement
 Plated Through Hole (PTH) assemblies
 Complex high mix SMT/ PTH assemblies.
 Wave and Hand soldering (IPC - A 610 certified)
 Lead Free (RoHS, REACH, Conflict Material compliant).

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INSPECTION & TEST

2D Automatic Optical Inspection
 Dedicated Board Level full Functional Test
 Complete System Level Functional Test
 IC programming and verification
 Component verification

HOW CAN WE HELP

- + Using the very latest generation SMT technology, CMASS can become your One-Stop Service partner for not only PCBA, but all your electronic product manufacturing needs.
- + We service wide ranging market sectors covering all phases of the product life cycle. Prototypes for NPI programmes, existing products requiring engineering change or re-qualification, even legacy products dealing with obsolescence.
- + One off orders or on-going production including VMI, high or low volumes. As a wholly owned subsidiary of IFS Global Logistics, CMASS can also look after all your global Logistics requirements.

YOU DESIGN and SELL GREAT PRODUCTS - WE BUILD and DELIVER THEM for YOU.



/// WIRING HARNESS & CABLE ASSEMBLY

CMASS offers a comprehensive range of wiring harness, cabling and crimping solutions.

We are able to offer a full range of solutions for your customized assembly from wires cut and stripped to length, to complete wire and cable harness solutions.

We work with all levels of complexity, types and sizes of cables, crimps, connectors and components.

SERVICES

Wire Harness

Higher level electro mechanical assemblies

Discrete wire and flat ribbon cable assemblies

Power cables

Signal cables

Point to point continuous run wire harness

Custom D sub miniature cable assemblies

Coaxial cable assemblies

Any other bespoke requirement

CAPABILITIES

Wide range of cable types

Crimp termination – automatic and manual

Automated cut and strip

Soldered termination

Wire wrapping

Military Standard

Braiding

VALUE

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Experienced, expert team

Manufacturing processes based on LEAN principles

HOW CAN WE HELP

- + CMASS can satisfy all of your wiring harness and cable assembly requirements.
- + We can work with you in the NPI phase to assist with the DFM activities as well as during volume manufacture and into the legacy phase dealing with obsolescence and sporadic demand.
- + As a leading Electronic Contract Manufacturing company, we can also support you with a much wider range of activities as and when the need arises.



//// SOFTWARE MEDIA DUPLICATION

At CMASS we design, duplicate and dispatch superior quality multimedia and software on demand.

We have almost 10 years' experience working on duplication and multimedia projects for software and documentation in the high tech Telecoms industry in the UK, Ireland and globally, and are expanding into a host of other markets.

DUPLICATION, DESIGN & PRINT

We are experts in the duplication (copying) of data onto a wide range of the highest quality media formats for CD, DVD, USB, SDHC/XC, Flash drive and Hard disk. We offer a full creative package from design concept to printed completion, an editing service for your own design, or print-only from the artwork you provide.

Our experienced and professional in-house team offers you a range of services including authoring, design and print of disk artwork, booklets, inserts, manuals & leaflets, and binding, lamination, labelling, kitting and variable data including serialisation and 2D and 3D barcoding.

With our range of industry-leading machines fitted with the latest dye-sublimation, thermal re-transfer and thermal printers, we can duplicate and print up to 40,000 hard-wearing and high quality discs per week.

Lead Free (RoHS, REACH, Conflict Material compliant).

THROUGH OUR PROFESSIONAL, DEDICATED AND FLEXIBLE SERVICE, WE DELIVER:

Simple and complex multimedia projects,

In small and large quantities,

for SMEs and big corporations,

to single or multiple destinations

MULTIMEDIA

CD, DVD

USB, SDHC/XC

Flash drive

Hard disk

Documentation

SUPPLY CHAIN MANAGEMENT

Together with our logistics partner IFS Global Logistics, we have everything covered for you and your multimedia goods.

DATA SECURITY

We take care of all your needs, whether straightforward projects or complex orders where data security and protection are important to you.

We are experienced in the fast and accurate updating of software, catalogues and technical documents for purposes such as software installations and updates and product manuals and catalogues.

We generate and control licenses for customers by encrypting disks to accept only unique codes, enabling you to trace your licenses globally.



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