

CML Microcircuits Key Values

CML offices in UK, Singapore and USA providing Sales, Marketing and Technical support teams

Global distributor network supporting customers locally

Key product areas include: Wireless data communication · Wireless voice communication · RF building blocks Wireline telemetry/telephony

CML design and manufacturing ISO 9001: 2008 certified

100% testing ensuring high quality/reliability products

High integration and high performance reduces overall system size and cost

Low power operation by design, a key factor in battery powered systems

Application Specific Standard Products (ASSP), semi-custom and custom products

40+ years in the semiconductor business ensures CML is a low risk provider

Visit

www.cmlmicro.com

see how we can assist with your projects

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CML
Microcircuits

Innovative RF, Wireless Data and Digital Voice Solutions

www.cmlmicro.com

Design, Manufacture, Supply

CML Microcircuits delivers innovative solutions into the wireless and wireline communications industry, with the quality, flexibility and product longevity that manufacturers require.

Key CML Benefits

Fast Time to Market

We understand that in a fast moving communications industry, getting the end product to market quickly is important. Our expertise enables us to do this.

Low Power

Wireless voice and data applications are commonly battery powered. Low standby and low operating power consumption are key market differentiators; lower power can mean smaller equipment/longer battery life.

Flexibility

An important feature of CML ICs based on FirmASIC® technology is that it allows an end products' function and performance to be tailored to meet specific market/specification needs and to adapt to operational changes in the field.

Support

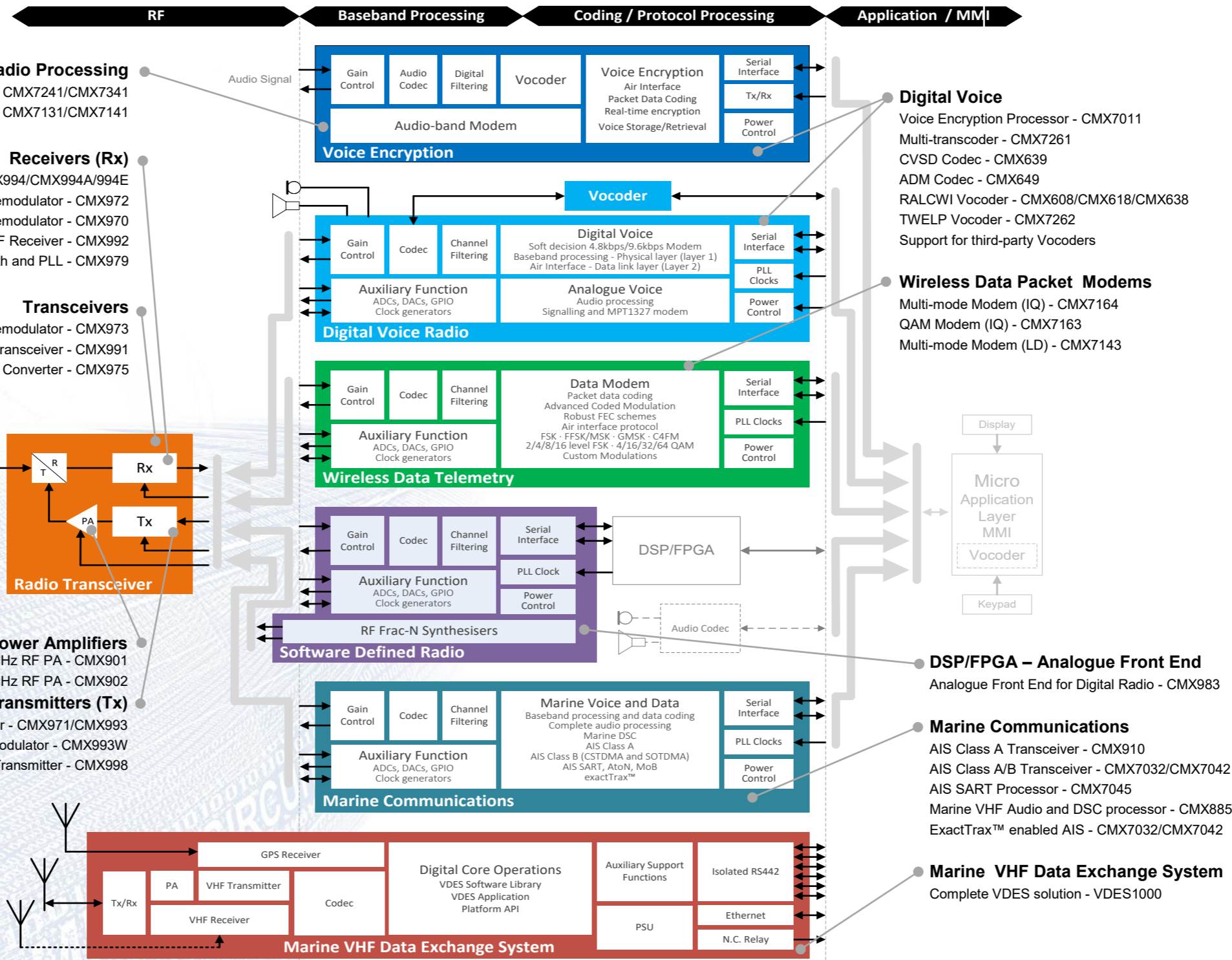
Internal and external applications teams on three continents provide focused customer support, easing the development process.

Product Longevity

Ensuring that an IC has a long and productive life is paramount. Manufacturers are rewarded with a stable BOM, ensuring minimum engineering costs and maximum profit. CML products have a long life cycle and work closely with manufacturers to ensure that this goal is achieved.

Quality/Reliability

100% testing regime ensures high quality and high reliability products.



Market Areas

Wireless Telemetry

AVL · AX25 · Differential GPS · M2M WLL Traffic Control Systems · POS/EPOS/SCADA Software Defined Radio (SDR) Satellite Comms · High-speed Narrowband Data · ISM band data

RF

Analogue/Digital Multi-mode Radio AIS · APCO P25 · Wireless Telemetry Radio Modems · SCADA · Software Defined Radio · EN 300 113 · FCC CFR 47 Part 90 · Satellite Comms RFID · Marine Comms

Digital PMR/LMR

APCO P25 · DCR · DMR · dPMR TETRA NXDN · ARIB · PDT · Satellite phones

Analogue PMR/LMR

Professional Trunked Radio Conventional PMR Leisure Radio GMRS · FRS · PMR446 · MURS Amateur · Aviation · ISM Weather Radio NOAA · SAME · Voice Scrambling

Marine Communications

AIS Class A · AIS Class B (CSTDMA SOTDMA) · AIS Rx Only · AIS SART AtoN MOB · Marine VHF Radio · DSC Precise DSC positioning · exactTrax™ VDES (VHF Data Exchange System)

Digital Voice

ADM · CVSD · PCM · Low Bit-Rate Vocoders RALCWI · TWELP · G.729 G.723 · G.723.1 · G.711 · Voice Encryption

Wireline Data /Telephony

V.32bis · V.32 · V22bis · V.22 · V.23 V.21 Bell 202 · Bell 212A · Bell 103 Call Progress Calling Line ID · Call Waiting DTMF · SPM Tones encode/decode

FirmASIC®

Component technology successfully deployed in a wide range of standard and custom products. FirmASIC® provides the optimum combination of analogue, digital, firmware and memory technology

Custom ASIC

A fast, competitive full-custom ASIC design service, for a completely new design or a design based on CML's extensive design-library resource.

A service supporting all stages of ASIC development, from concept through design, layout, prototype testing and the supply of production tested devices.

