CML Microcircuits is a world-leader in the design, development and supply of low-power analogue, digital and mixed-signal semiconductors. CML delivers innovative RF, Wireless Data and Digital Voice solutions into the global communications industry, focusing on high quality, flexibility and product longevity.

**RF Building Blocks**

**RF Power Amplifiers**
- CMX901 - 130-950 MHz RF PA
- CMX902 - 130-700 MHz RF PA

**Analogue Front End (AFE)**
- CMX983 – Digital Radio AFE with RF Synths

**Transceivers (Tx/Rx)**
- CMX973 - RF Quadrature Modulator/Demodulator
- CMX991 - RF Quadrature Transceiver
- CMX975 - 2.7GHz Up/down Converter
- CMX979 - Dual Synth and PLL

**Receivers (Rx)**
- CMX994A/CMX994E - RF Direct Conversion Receiver
- CMX972 - Quadrature Demodulator
- CMX970 - IF/RF Quadrature Demodulator
- CMX992 - RF Quadrature/Low IF Receiver

**Transmitters (Tx)**
- CMX971 – RF Quadrature Modulator
- CMX993 - RF Quadrature Modulator
- CMX993W - RF Quadrature Wideband Modulator
- CMX998 - Cartesian Feedback Loop Transmitter

**Analogue Front End (AFE)**
- CMX983 – Digital Radio AFE with RF Synths

**Baseband Processing**
- Digital Gain Control
- Voice Coding

**New!**
- EV6550DHAT
  - Raspberry Pi HAT for CMX655D

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**Digital Voice Encryption**
- PE0101-7011 Digital Voice Encryption

**Digital Radio AFE Processor**
- EV9830

**Linear Modulation Radio**
- DE941

**DMR Design Reference**
- SCT9366D

**RF Power Amplifier**
- EV9011

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**RF Section**
- Digital Gain Control
- Voice Coding

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**Data Modem**
- Air Interface
- Data Coding

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**Wireless Data Packet Modems**
- CMX7364 – High Performance Multi-mode Modem
- CMX7164 – Multi-mode Modem (IQ)
- CMX7146 – BPSK Modem
- CMX7143 – Multi-mode Modem (LD)
- CMX469A – FSK/MSK Modem
- CMX589A – GMSK/GFSK Modem

**Digital Two-way Radio Processing**
- CMX7241/CMX7341 – Common Platform PMR Processors
- SCT3258 – DMR/dPMR Processor + embedded Vocoder
- SCT3268 – DMR/dPMR Processor + embedded Vocoder + ARM

**Marine Communications**
- SCT7033 – AIS Class B Protocol Processor (CSTDMA)
- CMX7032/CMX7042 – AIS Class A/B Transceiver + exactTrax™
- CMX910 – AIS Class A Baseband Processor
- CMX7045 – AIS SART Processor
- CMX885 – Marine VHF Audio and DSC processor

**VDES**
- CMX7050 – Complete Marine VDES SDR solution
Design, Manufacture, Supply

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- CMX469A - FFSK/MSK Modem
- CMX589A – GMSK/GFSK Modem

Digital Voice
- CMX655D - Ultra-low Power Voice Codec
- CMX7158 – Duplex Analogue Voice Scrambler
- CMX7011 - Voice Encryption Processor
- CMX7261 - Multi-transcoder
- CMX608 - RALCWI Vocoder
- CMX618/CMX638 - RALCWI Vocoder
- CMX7262 - TWELP Vocoder

Marine Communications
- SCT7033 – AIS Class B Protocol Processor (CSTDMA)
- CMX7032/CMX7042 - AIS Class A/B Transceiver + exactTrax™
- CMX910 - AIS Class A Baseband Processor
- CMX7045 - AIS SART Processor
- CMX885 - Marine VHF Audio and DSC processor
- VDES1000 - Complete Marine VDES SDR solution

2.4GHz Licence Free Digital Voice and Data Transceiver
- SCT2400  2.4GHz Digital Voice and Data Transceiver
Key Values

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

Global distributor network supporting customers locally

High integration, low power operation, high performance, low risk

CML design and manufacturing ISO 9001: 2015 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

50 years in the communication semiconductors Industry

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