



RF Building Blocks

Wireless Data

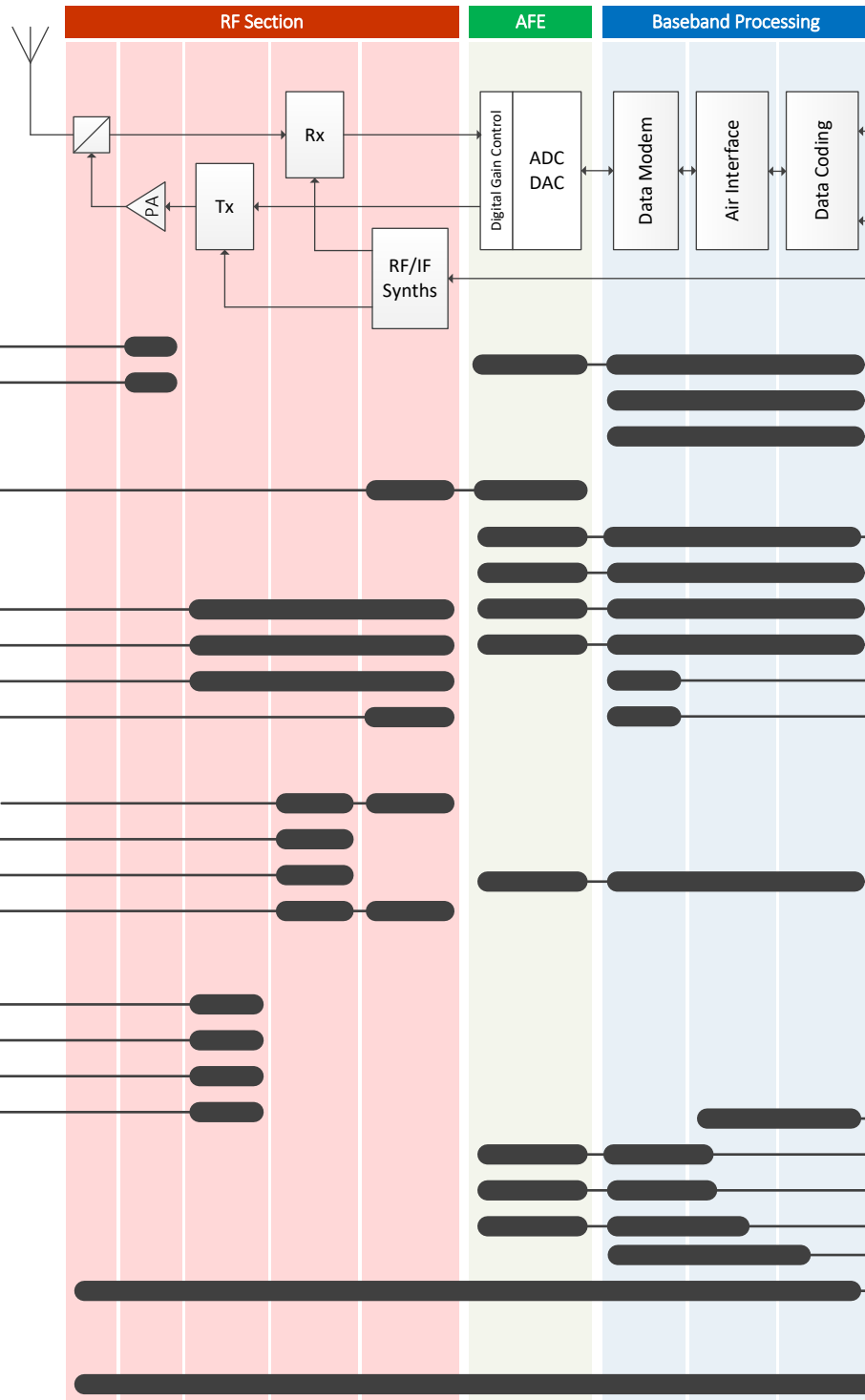
Digital Voice

- PMR / LMR
- Marine
- Aviation
- Packet Radio
- Satellite
- Railways
- Ham Radio
- 2.4GHz Licence Free
- Military
- Intercomms
- Elevator Comms
- Home Automation
- Wireless Data
- IIOT
- M2M
- Paging
- Security /Alarm Systems
- Health Care
- EPOS
- Positioning
- Asset Tracking
- Control Systems
- Crane control
- VOIP
- Digital microphones
- Access Control
- Door Entry
- Gate Entry
- Warden Control
- Information Systems
- DTMF



Design, Manufacture, Supply

CML Microcircuits is a world-leader in the design, development and supply of low power innovative RF, Wireless Data and Digital Voice solutions into the global community.



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

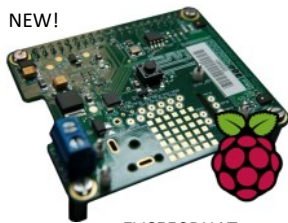
Receivers (Rx)

- 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

NEW!



EV6550DHAT
Raspberry Pi HAT for CMX655D



EV9830
Digital Radio AFE Processor



DE9941
Linear Modulation Radio



SCT9366D
DMR Design Reference



PE0101-7011
Digital Voice Encryption



EV9011
RF Power Amplifier

low-power analogue, digital and mixed-signal semiconductors. CML delivers solutions to the communications industry, focusing on high quality, flexibility and product longevity.



Digital Two-way Radio Processing

- CMX7241/CMX7341 - Common Platform PMR Processors
- SCT3258 - DMR/dPMR Processor + embedded Vocoder
- SCT3268 - DMR/dPMR Processor + embedded Vocoder + ARM

Wireless Data Packet Modems

- CMX7364 – High Performance Multi-mode Modem
- CMX7164 - Multi-mode Modem (IQ)
- CMX7146 – BPSK Modem
- CMX7143 - Multi-mode Modem (LD)
- 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



SCT9389
DMR Design Reference



EV6550D
Ultra-low Power Codec



EV9942
Direct Conversion Receiver



EV9730
RF Quadrature Modulator/Demodulator



VDES1000
Maritime VDES Solution

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

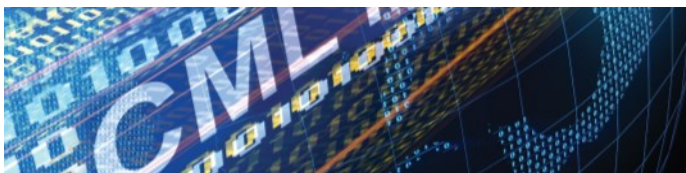
50 years in the communication semiconductors Industry

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