

# COBRA Modules

COBRA = ColdFire® Board for Rapid Applications

Module	Processor & Performance	Memory	Interfaces	Special Features	Size
<b>COBRA52235</b>	ColdFire V2 MCF52235 60 MHz up to 57 MIPS	256 kByte Flash 32 kByte SRAM	1x Ethernet 2x RS232 QSPI, I <sup>2</sup> C CAN	Encryption 8x 12-bit ADC RTOS TCP/IP Stack	54 mm x 86 mm
<b>COBRA5272</b>	ColdFire V2 MCF5272 66 MHz up to 63 MIPS	16 MByte SDRAM 2 MByte Flash	1x Ethernet 2x UART QSPI USB	Bus drivers Carrier Board uClinux BSP	80 mm x 100 mm
<b>COBRA5282</b>	ColdFire V2 MCF5282 64 MHz up to 61 MIPS	8 MByte SDRAM 4 MByte Flash	1x Ethernet 3x UART QSPI, I <sup>2</sup> C CAN	8x 10-bit ADC Carrier Board uClinux BSP	59 mm x 92 mm
<b>COBRA5329</b>	ColdFire V3 MCF5329 240 MHz up to 211 MIPS	16 MByte SDRAM 16 MByte Flash	1x Ethernet 3x UART QSPI, I <sup>2</sup> C CAN, USB	Encryption SVGA LCD Carrier Board uClinux BSP	48 mm x 68 mm
<b>COBRA5485</b>	ColdFire V4e MCF5485 200 MHz up to 308 MIPS	32 MByte SDRAM 16 MByte Flash	2x Ethernet 4x UART QSPI, I <sup>2</sup> C CAN, USB	Floating Point Encryption Dual Ethernet Carrier Board Linux BSP	59 mm x 92 mm
<b>COBRA5475</b>	ColdFire V4e MCF5475 266 MHz up to 410 MIPS	128 MByte DDR SDRAM 32 MByte Flash	1x Ethernet 4x UART QSPI, I <sup>2</sup> C USB	Floating Point Encryption PCI Bus Carrier Board Linux BSP	80 mm x 80 mm

## COBRA Connect

The COBRA Connect is a Background Debug Mode (BDM) to PC Parallel Port Interface for Freescale ColdFire® Processors. It is suitable for ColdFire® Processors up to 266 MHz Clock and 3.3 V Pad Voltage. It is 100% compatible with the Standard Parallel Port Wiggler and works with all COBRA Processor Modules.



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