

Development Tool Product List (8-bit)

KLCS-90

Product Name	Target MCU		Language Tools		Embedded Control Software		Test Tools(RTE System)			Accessories					
	OTP	Package	Assembler	C Compiler (#1)	Real-Time OS (#2)	Debugger	Controller	Emulation Pod	MCU Probe (#4,#5)	Shape-Conversion Adapter (#4,#5)	QFP Adapter (#3)	OTP/MCU Mount Adapter	OTP Write Adapter		
KMP90C041AF		QFP64	SW90AE0-ZZE [MS-DOS version] SW90AS-0-TPE [UNIX version]	SW90CE0-ZZE [MS-DOS version] SW90CS0-TPE [UNIX version]	※1	SW90DE1-ZZE [MS-DOS version]	BM1022R0B [RTE model 10]	BM90C441N0A	(PN110001+PN190001)	PN120007	PN210010	PN210011A			
KMP90C041AN		SDIP64			※1	SW90DE1-ZZE [MS-DOS version]	BM1022R0B [RTE model 10]	BM90C441N0A	(PN110001+PN190001)	PN120007	PN210010	PN210011A	BM1147		
KMP90C051F	-	QFP80			※2	SW90DE0-ZZE [MS-DOS version]	BM1020A [RTE]	BM9021B	(DIP40 : MCU Probe)	AS-DIP.6-040-S011-1(#5)					
KMP90C141F		QFP64			※2	SW90DE1-ZZE [MS-DOS version]	BM1022R0B [RTE model 10]	BM90C441N0A	(PN110001+PN190001)	PN120007	PN210010	PN210011A	BM1159		
KMP90C141N		SDIP64			※2	SW90DE1-ZZE [MS-DOS version]	BM1022R0B [RTE model 10]	BM90C441N0A	(PN110001+PN190001)	PN120007	PN210010	PN210011A	BM1158		
KMP90C400F	KMP90P800F	QFP64													
KMP90C400N	KMP90P800N	SDIP64													
KMP90C401F		QFP64													
KMP90C401N		SDIP64													
KMP90C441F		QFP64													
KMP90C441N		SDIP64													
KMP90C800F	KMP90P800F	QFP64													
KMP90C800N	KMP90P800N	SDIP64													
KMP90C801F		QFP64													
KMP90C801N		SDIP64													
KMP90C802AM	KMP90P802AM	SSOP40													
KMP90C802AP	KMP90P802AP	DIP40													
KMP90C803AM		SSOP40													
KMP90C803AP		DIP40													
KMP90C840AF	KMP90P640F/F-10	QFP64													
KMP90C840AN	KMP90P640N/N-10	SDIP64													
KMP90C841AF		QFP64													
KMP90C841AN		SDIP64													
KMP90C844AF	KMP90PH44F	QFP64													
KMP90C844AN	KMP90PH44N	SDIP64													
KMP90C845AF		QFP64													
KMP90C845AN		SDIP64													
KMP90C848F	KMP90PH48F	QFP80													
KMP90CH02M	KMP90PH02M	SSOP40													
KMP90CH02P	KMP90PH02P	DIP40													
KMP90CH03M		SSOP40													
KMP90CH03P		DIP40													
KMP90CH42DF	KMP90PM42DF	QFP100													
KMP90CH44F	KMP90PH44F	QFP64													
KMP90CH44N	KMP90PH44N	SDIP64													
KMP90CK42DF	KMP90PM42DF	QFP100													
KMP90CM36F	KMP90PM36F	MFP80													
KMP90CM36T	KMP90PM36T	PLCC84													
KMP90CM37F		MFP80													
KMP90CM37T		PLCC84													
KMP90CM38F	KMP90PM38F	MFP80													
KMP90CM38T	KMP90PM38T	PLCC84													
KMP90CM39F		MFP80													
KMP90CM39T		PLCC84													
KMP90CM40AF	KMP90PM40F	QFP64													
KMP90CM40AN	KMP90PM40E/N	SDIP64													
KMP90CS36F	★KMP90PS36F	MFP80													
KMP90CS36T		PLCC84													
KMP90CS37F		MFP80													
KMP90CS37T		PLCC84													
KMP90CS38F	KMP90PS38F	MFP80													
KMP90CS38T		PLCC84													
KMP90CS39F		MFP80													
KMP90CS39T		PLCC84													
KMP91C640F	KMP91P640F/F-10	QFP64													
KMP91C640N	KMP91P640N/N-10	SDIP64													
KMP91C641F		QFP64													
KMP91C641N		SDIP64													
KMP91C642AF	KMP91P642F	QFP64													
KMP91C642AN	KMP91P642N	SDIP64													

***: Under Development

★: Samples available
+ : This product is covered by the BULL CP8 proprietary patent, US patent No. 4,382,279.
#1: Compiler includes assembler system
#2: The seventh letter of the product name for the real-time OS is either 0, 1, 2, A or C.
0: Object code - 1copy
1: Object code - 1000copies
2: Object code can be freely copied.
A: Source code - 1 copy; object code - 1 copy
C: Source code - 1 copy; object code can be freely copied.

#3: The product name in () is a spare part and is available separately. There is one of each emulation pod and emulator.
#4: MCU probes and shape-conversion adapters whose product numbers start with PN12 include a QFP adapter.
#5: Emulation Technology (ET) product supplied by Micron(contact:+81-33317-9911)
#6: Supplied by Yamaichi Denki.
(contact: +81-33778-6122)

※1: SW90RE*-ZZE[MS-DOS version]
SW90RS*-ZZE[MS-DOS version]
※2: SW90DE2-ZZE[Source level debugger for RTE model 20][MS-DOS version]
includes symbolic debugger with pod.
※3: POD[MS-DOS version]
※4: BM10SOROB[RTE model 20]
BM1022ROB[RTE model 10]

System names and product names listed are generally registered trademarks of their respective manufacturers.
• Software is always supplied in the latest version.
• All products are supplied on floppy disks.
• Products whose product name has Z as the 10th character are supplied on 2DD disks; those whose product name has F as the 10th character are supplied on 2HD(1.44MB) disks; those whose product name has P as the 10th character are supplied on 2HD (1.44MB) disks in Tar format.
• Before purchasing please confirm the type number, product name etc. with Toshiba or its distributor.

MS-DOS version
• This version operates on an IBM PC or compatible that has MS-DOS installed. It also operates on a MS-Windows DOS-compatible box.
Assemblers and compilers whose product name has A,C or L as the sixth character require an I386 CPU or higher processor and 4MB or more of memory.
• The symbolic and source level debuggers require the I286 CPU or higher processor and 2MB or more of EMS memory.
MS-Windows version
• Versions whose product name has W as the sixth character will run on an IBM PC or compatible that has MS-Windows 3.1 installed. They will also run number MS-Windows 95.
• Versions whose product name has N as the sixth character will run on an IBM PC or compatible that has MS-Windows NT or MS-Windows 95 installed.
UNIX version
• Products whose product name has S as the sixth character will run on a Sun OS system.
• Products whose product name has T as the sixth character will run on a Solaris 2.4 system.