

Part Number	MIPS (peak)	Flash Memory (bytes)	RAM (bytes)	Ext Mem I/F	Digital Port I/O Pins	Serial Buses	Timers (16-bit)	PCA Chnls	Internal Osc	ADC1	ADC2	DAC	Temp Sensor	VREF	Comparators	Other	Package	Eval Kit	
C805F060	25	64KB	4352	Y	59	CAN2.0B, 2 UARTs, SMBus, SPI	5	6	±2%	16-bit, 2ch., 1Msps	10-bit, 8ch., 200kps	12-bit, 2ch.	Y	Y	3	DMA	TQFP100	C805F060DK	
C805F061	25	64KB	4352	-	24	CAN2.0B, 2 UARTs, SMBus, SPI	5	6	±2%	16-bit, 2ch., 1Msps	10-bit, 8ch., 200kps	12-bit, 2ch.	Y	Y	3	DMA	TQFP64	C805F060DK	
C805F062	25	64KB	4352	Y	59	CAN2.0B, 2 UARTs, SMBus, SPI	5	6	±2%	16-bit, 2ch., 1Msps	10-bit, 8ch., 200kps	12-bit, 2ch.	Y	Y	3	DMA	TQFP100	C805F060DK	
C805F063	25	64KB	4352	-	24	CAN2.0B, 2 UARTs, SMBus, SPI	5	6	±2%	16-bit, 2ch., 1Msps	10-bit, 8ch., 200kps	12-bit, 2ch.	Y	Y	3	DMA	TQFP64	C805F060DK	
C805F120	100	128KB	8448	Y	64	2 UARTs, SMBus, SPI	5	6	±2%	12-bit, 8ch., 100kps	8-bit, 8ch., 500kps	12-bit, 2ch.	Y	Y	2	16x16 MAC	TQFP100	C805F120DK	
C805F121	100	128KB	8448	Y	32	2 UARTs, SMBus, SPI	5	6	±2%	12-bit, 8ch., 100kps	8-bit, 8ch., 500kps	12-bit, 2ch.	Y	Y	2	16x16 MAC	TQFP64	C805F120DK	
C805F122	100	128KB	8448	Y	64	2 UARTs, SMBus, SPI	5	6	±2%	10-bit, 8ch., 100kps	8-bit, 8ch., 500kps	12-bit, 2ch.	Y	Y	2	16x16 MAC	TQFP100	C805F120DK	
C805F123	100	128KB	8448	Y	32	2 UARTs, SMBus, SPI	5	6	±2%	10-bit, 8ch., 100kps	8-bit, 8ch., 500kps	12-bit, 2ch.	Y	Y	2	16x16 MAC	TQFP64	C805F120DK	
C805F124	50	128KB	8448	Y	64	2 UARTs, SMBus, SPI	5	6	±2%	12-bit, 8ch., 100kps	8-bit, 8ch., 500kps	12-bit, 2ch.	Y	Y	2	-	TQFP100	C805F120DK	
C805F125	50	128KB	8448	Y	32	2 UARTs, SMBus, SPI	5	6	±2%	12-bit, 8ch., 100kps	8-bit, 8ch., 500kps	12-bit, 2ch.	Y	Y	2	-	TQFP64	C805F120DK	
C805F126	50	128KB	8448	Y	64	2 UARTs, SMBus, SPI	5	6	±2%	10-bit, 8ch., 100kps	8-bit, 8ch., 500kps	12-bit, 2ch.	Y	Y	2	-	TQFP100	C805F120DK	
C805F127	50	128KB	8448	Y	32	2 UARTs, SMBus, SPI	5	6	±2%	10-bit, 8ch., 100kps	8-bit, 8ch., 500kps	12-bit, 2ch.	-	Y	2	-	TQFP64	C805F120DK	
C805F064	25	64KB	4352	Y	59	2 UARTs, SMBus, SPI	5	6	±2%	16-bit, 2ch., 1Msps	-	-	-	Y	3	DMA	TQFP100	C805F060DK	
C805F065	25	64KB	4352	-	24	2 UARTs, SMBus, SPI	5	6	±2%	16-bit, 2ch., 1Msps	-	-	-	Y	3	DMA	TQFP64	C805F060DK	
C805F066	25	32KB	4352	Y	59	2 UARTs, SMBus, SPI	5	6	±2%	16-bit, 2ch., 1Msps	-	-	-	Y	3	DMA	TQFP100	C805F060DK	
C805F067	25	32KB	4352	-	24	2 UARTs, SMBus, SPI	5	6	±2%	16-bit, 2ch., 1Msps	-	-	-	Y	3	DMA	TQFP64	C805F060DK	
C805F040	25	64KB	4352	Y	64	CAN2.0B, 2 UARTs, SMBus, SPI	5	6	±2%	12-bit, 13ch., 100kps	8-bit, 8ch., 500kps	12-bit, 2ch.	Y	Y	3	±60V PGA	TQFP100	C805F040DK	
C805F041	25	64KB	4352	Y	32	CAN2.0B, 2 UARTs, SMBus, SPI	5	6	±2%	12-bit, 13ch., 100kps	8-bit, 8ch., 500kps	12-bit, 2ch.	Y	Y	3	±60V PGA	TQFP64	C805F040DK	
C805F042	25	64KB	4352	Y	64	CAN2.0B, 2 UARTs, SMBus, SPI	5	6	±2%	10-bit, 13ch., 100kps	8-bit, 8ch., 500kps	12-bit, 2ch.	Y	Y	3	±60V PGA	TQFP100	C805F040DK	
C805F043	25	64KB	4352	Y	32	CAN2.0B, 2 UARTs, SMBus, SPI	5	6	±2%	10-bit, 13ch., 100kps	8-bit, 8ch., 500kps	12-bit, 2ch.	Y	Y	3	±60V PGA	TQFP64	C805F040DK	
C805F020	25	64KB	4352	Y	64	2 UARTs, SMBus, SPI	5	5	±20%	12-bit, 8ch., 100kps	8-bit, 8ch., 500kps	12-bit, 2ch.	Y	Y	2	-	TQFP100	C805F020DK	
C805F021	25	64KB	4352	Y	32	2 UARTs, SMBus, SPI	5	5	±20%	12-bit, 8ch., 100kps	8-bit, 8ch., 500kps	12-bit, 2ch.	Y	Y	2	-	TQFP64	C805F020DK	
C805F022	25	64KB	4352	Y	64	2 UARTs, SMBus, SPI	5	5	±20%	10-bit, 8ch., 100kps	8-bit, 8ch., 500kps	12-bit, 2ch.	Y	Y	2	-	TQFP100	C805F020DK	
C805F023	25	64KB	4352	Y	32	2 UARTs, SMBus, SPI	5	5	±20%	10-bit, 8ch., 100kps	8-bit, 8ch., 500kps	12-bit, 2ch.	Y	Y	2	-	TQFP64	C805F020DK	
C805F130	100	128KB	8448	Y	64	2 UARTs, SMBus, SPI	5	6	±2%	10-bit, 8ch., 100kps	-	-	-	Y	Y	2	16x16 MAC	TQFP100	C805F120DK
C805F131	100	128KB	8448	Y	32	2 UARTs, SMBus, SPI	5	6	±2%	10-bit, 8ch., 100kps	-	-	-	Y	Y	2	16x16 MAC	TQFP64	C805F120DK
C805F132	100	64KB	8448	Y	64	2 UARTs, SMBus, SPI	5	6	±2%	10-bit, 8ch., 100kps	-	-	-	Y	Y	2	16x16 MAC	TQFP100	C805F120DK
C805F133	100	64KB	8448	Y	32	2 UARTs, SMBus, SPI	5	6	±2%	10-bit, 8ch., 100kps	-	-	-	Y	Y	2	16x16 MAC	TQFP64	C805F120DK
C805F000	20	32KB	256	-	32	UART, SMBus, SPI	4	5	±20%	12-bit, 8ch., 100kps	-	-	-	Y	Y	2	-	TQFP64	C805F005DK
C805F001	20	32KB	256	-	16	UART, SMBus, SPI	4	5	±20%	12-bit, 8ch., 100kps	-	-	-	Y	Y	2	-	TQFP48	C805F005DK
C805F002	20	32KB	256	-	8	UART, SMBus, SPI	4	5	±20%	12-bit, 4ch., 100kps	-	-	-	Y	Y	1	-	LQFP32	C805F005DK
C805F005	25	32KB	2304	-	32	UART, SMBus, SPI	4	5	±20%	12-bit, 8ch., 100kps	-	-	-	Y	Y	2	-	TQFP64	C805F005DK
C805F006	25	32KB	2304	-	16	UART, SMBus, SPI	4	5	±20%	12-bit, 8ch., 100kps	-	-	-	Y	Y	2	-	TQFP48	C805F005DK
C805F007	25	32KB	2304	-	8	UART, SMBus, SPI	4	5	±20%	12-bit, 4ch., 100kps	-	-	-	Y	Y	1	-	LQFP32	C805F005DK
C805F010	20	32KB	256	-	32	UART, SMBus, SPI	4	5	±20%	10-bit, 8ch., 100kps	-	-	-	Y	Y	2	-	TQFP64	C805F005DK
C805F011	20	32KB	256	-	16	UART, SMBus, SPI	4	5	±20%	10-bit, 8ch., 100kps	-	-	-	Y	Y	2	-	TQFP48	C805F005DK
C805F012	20	32KB	256	-	8	UART, SMBus, SPI	4	5	±20%	10-bit, 4ch., 100kps	-	-	-	Y	Y	1	-	LQFP32	C805F005DK
C805F015	25	32KB	2304	-	32	UART, SMBus, SPI	4	5	±20%	10-bit, 8ch., 100kps	-	-	-	Y	Y	2	-	TQFP64	C805F005DK
C805F016	25	32KB	2304	-	16	UART, SMBus, SPI	4	5	±20%	10-bit, 8ch., 100kps	-	-	-	Y	Y	2	-	TQFP48	C805F005DK
C805F017	25	32KB	2304	-	8	UART, SMBus, SPI	4	5	±20%	10-bit, 4ch., 100kps	-	-	-	Y	Y	1	-	LQFP32	C805F005DK
C805F018	25	16KB	1280	-	32	UART, SMBus, SPI	4	5	±20%	10-bit, 8ch., 100kps	-	-	-	Y	Y	2	-	TQFP64	C805F005DK
C805F019	25	16KB	1280	-	16	UART, SMBus, SPI	4	5	±20%	10-bit, 8ch., 100kps	-	-	-	Y	Y	2	-	TQFP48	C805F005DK
C805F044	25	64KB	4352	Y	64	CAN2.0B, 2 UARTs, SMBus, SPI	5	6	±2%	10-bit, 13ch., 100kps	-	-	-	Y	Y	3	±60V PGA	TQFP100	C805F040DK
C805F045	25	64KB	4352	Y	32	CAN2.0B, 2 UARTs, SMBus, SPI	5	6	±2%	10-bit, 13ch., 100kps	-	-	-	Y	Y	3	±60V PGA	TQFP64	C805F040DK
C805F046	25	32KB	4352	Y	64	CAN2.0B, 2 UARTs, SMBus, SPI	5	6	±2%	10-bit, 13ch., 100kps	-	-	-	Y	Y	3	±60V PGA	TQFP100	C805F040DK
C805F047	25	32KB	4352	Y	32	CAN2.0B, 2 UARTs, SMBus, SPI	5	6	±2%	10-bit, 13ch., 100kps	-	-	-	Y	Y	3	±60V PGA	TQFP64	C805F040DK
C805F350	50	8KB	768	-	17	UART, SMBus, SPI	4	3	±2%	24-bit, 8ch., 1kps	-	8-bit, 2ch.	Y	-	1	-	-	LQFP32	C805F350DK
C805F351	50	8KB	768	-	17	UART, SMBus, SPI	4	3	±2%	24-bit, 8ch., 1kps	-	8-bit, 2ch.	Y	-	1	-	-	MLP28	C805F350DK
C805F352	50	8KB	768	-	17	UART, SMBus, SPI	4	3	±2%	16-bit, 8ch., 1kps	-	8-bit, 2ch.	Y	-	1	-	-	LQFP32	C805F350DK
C805F353	50	8KB	768	-	17	UART, SMBus, SPI	4	3	±2%	16-bit, 8ch., 1kps	-	8-bit, 2ch.	Y	-	1	-	-	MLP28	C805F350DK
C805F320	25	16KB	2304	-	25	USB 2.0, UART, SMBus, SPI	4	5	±1.5%	10-bit, 17ch., 200kps	-	-	-	Y	Y	2	-	LQFP32	C805F320DK
C805F321	25	16KB	2304	-	21	USB 2.0, UART, SMBus, SPI	4	5	±1.5%	10-bit, 13ch., 200kps	-	-	-	Y	Y	2	-	MLP28	C805F320DK
C805F206	25	8KB	1280	-	32	UART, SPI	3	-	±20%	12-bit, 32ch., 100kps	-	-	-	-	-	2	-	TQFP48	C805F206DK
C805F220	25	8KB	256	-	32	UART, SPI	3	-	±20%	8-bit, 32ch., 100kps	-	-	-	-	-	2	-	TQFP48	C805F226DK
C805F221	25	8KB	256	-	22	UART, SPI	3	-	±20%	8-bit, 32ch., 100kps	-	-	-	-	-	2	-	LQFP32	C805F226DK
C805F226	25	8KB	1280	-	32	UART, SPI	3	-	±20%	8-bit, 32ch., 100kps	-	-	-	-	-	2	-	TQFP48	C805F226DK
C805F227	25	8KB	1280	-	29	UART, SMBus, SPI	4	5	±2%	10-bit, 21ch., 200kps	-	-	-	Y	-	2	-	LQFP32	C805F310DK
C805F311	25	16KB	1280	-	25	UART, SMBus, SPI	4	5	±2%	10-bit, 17ch., 200kps	-	-	-	Y	-	2	-	MLP28	C805F310DK
C805F312	25	8KB	1280	-	29	UART, SMBus, SPI	4	5	±2%	10-bit, 21ch., 200kps	-	-	-	Y	-	2	-	LQFP32	C805F310DK
C805F313	25	8KB	1280	-	25	UART, SMBus, SPI	4	5	±2%	10-bit, 17ch., 200kps	-	-	-	Y	-	2	-	MLP28	C805F310DK
C805F314	25	8KB	1280	-	29	UART, SMBus, SPI	4	5	±2%	-	-	-	-	Y	-	2	-	LQFP32	C805F310DK
C805F315	25	8KB	1280	-	25	UART, SMBus, SPI	4	5	±2%	-	-	-	-	Y	-	2	-	MLP28	C805F310DK
C805F316	25	16KB	1280	-	21	UART, SMBus, SPI	4	5	±2%	10-bit, 13ch., 200kps	-	-	-	Y	-	2	-	QFN24	C805F310DK
C805F317	25	16KB	1280	-	21	UART, SMBus, SPI	4	5	±2%	-	-	-	-	Y	-	2	-	QFN24	C805F310DK
C805F330	25	8KB	768	-	17	UART, SMBus, SPI	4	3	±2%	10-bit, 16ch., 200kps	-	-	-	Y	Y	1	-	MLP20	C805F330DK
C805F330D	25	8KB	768	-	17	UART, SMBus, SPI	4	3	±2%	10-bit, 16ch., 200kps	-	-	-	Y	Y	1	-	PDIP20	C805F330DK
C805F331	25	8KB	768	-	17	UART, SMBus, SPI	4	3	±2%	-	-	-	-	-	-	1	-	MLP20	C805F330DK
C805F332	25	4KB	768	-	17	UART, SMBus, SPI	4	3	±2%	10-bit, 16ch., 200kps	-	-	-	Y	Y	1	-	MLP20	C805F330DK
C805F333	25	4KB	768	-	17	UART, SMBus, SPI	4	3	±2%	-	-	-	-	-	-	1	-	MLP20	C805F330DK
C805F334	25	2KB	768	-	17	UART, SMBus, SPI	4	3	±2%	10-bit, 16ch., 200kps	-	-	-	Y	Y	1	-	MLP20	C805F330DK
C805F335	25	2KB	768	-	17	UART, SMBus, SPI	4	3	±2%	-	-	-	-	-	-	1	-	MLP20	C805F330DK
C805F300	25	8KB	256	-	8	UART, SMBus	3	3	±2%	8-bit, 8ch., 500kps	-	-	-	Y	-	1	-	MLP11	C805F300DK
C805F301	25	8KB	256																