

## 华芯微特MCU(ARM Cortex-M0) 32位微控制器产品列表

Series	Part Number	Supply Voltage(V)	Max Freq. (Mhz)	Memory (KBytes)		I/O	Timer					Digital			Connectivity						Analog Interface			Package	CHIP SIZE
				Flash	SRAM		Timer Super	Timer Base	Sysclk	WDT	RTC	PWM	CORDIC	DIV	UART	I <sup>2</sup> C	SPI	I <sup>2</sup> S	CAN	SLCD	SIGMA-Delta ADC	SAR ADC	OP/CMP		
SWM160	SWM160C8T7-50	2.3~3.6	48	64	16	44	4	0	1	1	1	6	0	1	4	2	2	0	1	0	0	1(8) <sup>3</sup>	0	LQFP48	7.0*7.0mm, e=0.5
SWM181	SWM181DBU6-40	2.3~3.6	48	120	16	30	4	0	1	1	0	8	1	1	4	2	2	0	1	1(4*13) <sup>1</sup>	1(6) <sup>2</sup>	1(7)	0/3	QFN40	5.0*5.0mm, e=0.4
	SWM181CBT6-50	2.3~3.6	48	120	16	38	4	0	1	1	0	8	1	1	4	2	2	0	1	1(4*22)	1(4)	1(7)	0/3	LQFP48	7.0*7.0mm, e=0.5
	SWM181CCT6-50	2.3~3.6	48	248	16	38	4	0	1	1	0	8	1	1	4	2	2	0	1	1(4*22)	1(4)	1(7)	0/3	LQFP48	7.0*7.0mm, e=0.5
	SWM181RCT6-50	2.7~3.6	48	248	16	50	4	0	1	1	0	8	1	1	4	2	2	0	1	1(4*31)	1(6)	1(8)	0/3	LQFP64	10.0*10.0mm, e=0.5
	SWM190KBT7-80	2.3~3.6	60	120	20	27	4	4	1	1	1	15	1	1	4	1	2	2	0	0	0	2(10)	1/3	LQFP32	7.0*7.0mm, e=0.8
SWM190	SWM190CBT7-50	2.3~3.6	60	120	20	38	4	4	1	1	1	15	1	1	4	1	2	2	0	0	0	2(13)	4/3	LQFP48	7.0*7.0mm, e=0.5
	SWM190RBT7-50	2.3~3.6	60	120	20	51	4	4	1	1	1	16	1	1	4	2	2	2	0	0	0	2(15)	4/3	LQFP64	10.0*10.0mm, e=0.5
SWM260	SWM260KBT7-80	2.5~5.5	60	128	8	26	4	4	1	1	1	8	0	0	5	1	2	0	0	0	0	1(6)	2/0	LQFP32	7.0*7.0mm, e=0.8
	SWM260PBT7-80	2.5~5.5	60	128	8	36	4	4	1	1	1	8	0	0	5	1	2	0	0	0	0	1(8)	2/0	LQFP44	10.0*10.0mm, e=0.8
	SWM260CBT7-50	2.5~5.5	60	128	8	38	4	4	1	1	1	8	0	0	5	1	2	0	0	0	0	1(8)	2/0	LQFP48	7.0*7.0mm, e=0.5

## 华芯微特MCU(ARM Cortex-M4) 32位微控制器产品列表

Series	Part Number	Supply Voltage(V )	Max Freq. ( Mhz)	Memory (KBytes)		Stacked SDRAM (M bytes )	I/O	Timer					Digital		Connectivity						Analog Interface		Package	CHIP SIZE
				Flash	SRAM			Super	Base	Sysclk	WDT	RTC	PWM	CORDIC	UART	I²C	SPI	I²S	CAN	TFT-LCD	SAR ADC	OP/CMP		
SWM320	SWM320CEU7-35	2.2~3.6	120	512	128	0	33	6	0	1	1	1	12	0	4	2	2	0	1	0	2(9)	0	QFN48	5.0*5.0mm, e=0.35
	SWM320RET7-50	2.2~3.6	120	512	128	0	50	6	0	1	1	1	12	0	4	2	2	0	1	0	2(11)	0	LQFP64	10.0*10.0mm, e=0.5
	SWM320VET7-50	2.2~3.6	120	512	128	0	84	6	0	1	1	1	12	0	4	2	2	0	1	1	2(12)	0	LQFP100	14.0*14.0mm, e=0.5
	SWM32SRET6-50	2.2~3.6	120	512	128	8	46	6	0	1	1	1	12	0	4	2	2	0	1	1	2(9)	0	LQFP64	10.0*10.0mm, e=0.5

**模块**  
 Note1: SLCD  
 Note2: SIGMA-DELTAADC  
 Note3: SARADC  
 Note4: OP/CMP

**含义**  
 模块数 (com\*seg)  
 模块数 (通道数)  
 模块数 (通道数)  
 放大器/比较器