

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 ² C	SPI	I ² S	CAN	SLCD	SIGMA-Delta ADC	SAR ADC	OP/CMP ⁴		
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) ³	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) ¹	1(5) ²	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
SWM190	SWM190KBT6-80	2.3~3.6	60	120	20	27	4	4	1	1	1	15	1	1	4	1	2	0	0	0	0	2(10)	1/3	LQFP32	7.0*7.0mm, e=0.8
	SWM190CBT6-50	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
	SWM190SCBT6-50	2.3~3.6	60	120	20	42	4	4	1	1	1	15	1	1	4	2	2	2	0	0	0	1(7)	4/3	LQFP48	7.0*7.0mm, e=0.5
	SWM190RBT6-50	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
SWM201	SWM201G6S7-65	2.5~5.5	60	32	8	25	2	4	1	1	1	8	1	1	2	1	0	0	0	0	0	1(10)	3/4	SSOP28	10.2*5.3mm, e=0.65
	SWM201PG6S6-65	8~24	60	32	8	13	2	4	1	1	1	2	1	1	2	1	0	0	0	0	0	1(7)	3/4	SSOP28	10.2*5.3mm, e=0.65
	SWM201C6T7-50	2.5~5.5	60	32	8	43	2	4	1	1	1	8	1	1	2	1	0	0	0	0	0	1(12)	3/4	LQFP48	7.0*7.0mm, e=0.5
SWM220	SWM220F6S7-65	2.5~5.5	48	32	4	16	4	0	1	1	1	3	0	1	2	1	0	0	0	0	0	1(4)	0	SSOP20	7.2*5.3mm, e=0.65
	SWM220P6T7-80	2.5~5.5	48	32	8	40	4	0	1	1	1	6	0	1	4	2	2	0	0	0	0	1(8)	0	LQFP44	10.0*10.0mm, e=0.8
	SWM220C8T7-50	2.5~5.5	48	64	16	44	4	0	1	1	1	6	0	1	4	2	2	0	1	0	0	1(8)	0	LQFP48	7.0*7.0mm, 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	SWM320CET7-50	2.2~3.6	120	512	128	0	39	6	0	1	1	1	12	0	4	2	2	0	1	0	2(7)	0	LQFP48	7.0*7.0mm, e=0.5
	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