Sander electronic

Übersicht Philips LPC2000 Serie

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The 16/32-bit LPC2000 family is based on a 1.8V ARM7TDMI-S core operating at up to 60 MHz together with a wide range of peripherals including multiple serial interfaces, 10-bit ADC and external bus options. These controllers are designed for use in a range of applications including industrial control, automotive, medical, connectivity and any other general purpose embedded application requiring high performance and low power consumption in a cost-effective package.

Part Number	Memory		Timer/Counters			PWM Unit		I/O	Serial Interfaces				A/D	Interrupts	Max F.	Package
	Flash	RAM	32-bit Timers	Capt.	Match	32-bit Timers	Ch.	Pins	UART	I2C	SPI	CAN	ch/b	(Ext.)	(MHz)	
LPC2294	256K	16K	4*	8	8	1	6	112	2	1	2	4	8/10	19(4)/16	60	LQFP144
LPC2292	256K	16K	4*	8	8	1	6	112	2	1	2	2	8/10	19(4)/16	60	LQFP144
LPC2290	Ext.	16K	4*	8	8	1	6	76	2	1	2	2	8/10	19(4)/16	60	LQFP144
LPC2214	256K	16K	4*	8	8	1	6	112	2	1	2	-	8/10	19(4)/16	60	LQFP144
LPC2212	128K	16K	4*	8	8	1	6	112	2	1	2	-	8/10	19(4)/16	60	LQFP144
LPC2210	Ext.	16K	4*	8	8	1	6	76	2	1	2	-	8/10	19(4)/16	60	LQFP144
LPC2194	256K	16K	4*	8	8	1	6	46	2	1	2	4	4/10	19(4)/16	60	LQFP64
LPC2129	256K	16K	4*	8	8	1	6	46	2	1	2	2	4/10	19(4)/16	60	HVQFN64, LQFP64
LPC2119	128K	16K	4*	8	8	1	6	46	2	1	2	2	4/10	19(4)/16	60	HVQFN64, LQFP64
LPC2124	256K	16K	4*	8	8	1	6	46	2	1	2	-	4/10	19(4)/16	60	HVQFN64, LQFP64
LPC2114	128K	16K	4*	8	8	1	6	46	2	1	2	-	4/10	19(4)/16	60	HVQFN64, LQFP64
LPC2106	128K	64K	4*	7	7	1	6	32	2	1	1	-	-	16(3)/16	60	LQFP48
LPC2105	128K	32K	4*	7	7	1	6	32	2	1	1	-	-	16(3)/16	60	LQFP48
LPC2104	128K	16K	4*	7	7	1	6	32	2	1	1	-	-	16(3)/16	60	LQFP48

*includes Watchdog Timer and Real-Time Clock