

# PICCOLO 系列 選型表

rev 5, 8/11/08

Project Name	Part Number	Processor						Memory			Control Interfaces										Communications Ports						Other								
		Speed (MHz)	Boot ROM (KB)	FPU	CLA	DMA	RAM (KB)	FLASH (KB)	ROM (KB)	OTP (KB)	ePWM Channels#	HRPW M	Timers	Event Captures	Quadrature Encoder Interfaces	ADC Resolution	ADC Inputs	ADC Conversion Time (ns)	ADC MSPS	Comparators	SPI	SCI	Lin	CAN	I <sup>2</sup> C	McBSP	External Memory Bus	2-pin Oscillators	0-pin Oscillators	I/O Pins	POR/BOR	Supply Voltage	Packaging	Temp	1KU SRP*
Piccolo A	TMS320F28022DAA	40	16	--	--	--	12	32	Boot	2	8	4	7	1	0	12-bit	7	325	3	1	1	1	--	--	1	--	--	1	2	20	1	3.3	38TSSOP	-40 to 85C	
	TMS320F28024PTA	40	16	--	--	--	12	32	Boot	2	8	4	7	1	0	12-bit	13	325	3	2	1	1	--	--	1	--	--	1	2	22	1	3.3	48LQFP	-40 to 85C	
	TMS320F28024PTS	40	16	--	--	--	12	32	Boot	2	8	4	7	1	0	12-bit	13	325	3	2	1	1	--	--	1	--	--	1	2	22	1	3.3	48LQFP	-40 to 125C	
	TMS320F28026PTA	60	16	--	--	--	12	32	Boot	2	8	4	7	1	0	12-bit	13	216.67	4	2	1	1	--	--	1	--	--	1	2	22	1	3.3	48LQFP	-40 to 85C	
	TMS320F28023DAA	40	16	--	--	--	12	64	Boot	2	8	4	7	1	0	12-bit	7	325	3	1	1	1	--	--	1	--	--	1	2	20	1	3.3	38TSSOP	-40 to 85C	
	TMS320F28025PTA	40	16	--	--	--	12	64	Boot	2	8	4	7	1	0	12-bit	13	325	3	2	1	1	--	--	1	--	--	1	2	22	1	3.3	48LQFP	-40 to 85C	
	TMS320F28025PTS	40	16	--	--	--	12	64	Boot	2	8	4	7	1	0	12-bit	13	325	3	2	1	1	--	--	1	--	--	1	2	22	1	3.3	48LQFP	-40 to 125C	
TMS320F28027PTA	60	16	--	--	--	12	64	Boot	2	8	4	7	1	0	12-bit	13	216.67	4	2	1	1	--	--	1	--	--	1	2	22	1	3.3	48LQFP	-40 to 85C		
Piccolo B	TMS320F28032PAGA	60	16	--	--	--	20	64	Boot	2	14	5	7	1	1	12-bit	13	216.67	4	3	2	1	1	1	1	--	--	1	2	33	1	3.3	64TQFP	-40 to 85C	
	TMS320F28032PAGS	60	16	--	--	--	20	64	Boot	2	14	5	7	1	1	12-bit	13	216.67	4	3	2	1	1	1	1	--	--	1	2	33	1	3.3	64TQFP	-40 to 125C	
	TMS320F28032PAGQ	60	16	--	--	--	20	64	Boot	2	14	5	7	1	1	12-bit	13	216.67	4	3	2	1	1	1	1	--	--	1	2	33	1	3.3	64TQFP	-40 to 125C	
	TMS320F28032PNA	60	16	--	--	--	20	64	Boot	2	14	5	7	1	1	12-bit	16	216.67	4	3	2	1	1	1	1	--	--	1	2	44	1	3.3	80LQFP	-40 to 85C	
	TMS320F28032PNS	60	16	--	--	--	20	64	Boot	2	14	5	7	1	1	12-bit	16	216.67	4	3	2	1	1	1	1	--	--	1	2	44	1	3.3	80LQFP	-40 to 125C	
	TMS320F28032PNQ	60	16	--	--	--	20	64	Boot	2	14	5	7	1	1	12-bit	16	216.67	4	3	2	1	1	1	1	--	--	1	2	44	1	3.3	80LQFP	-40 to 125C	
	TMS320F28034PAGA	60	16	--	--	--	20	128	Boot	2	14	5	7	1	1	12-bit	13	216.67	4	3	2	1	1	1	1	--	--	1	2	33	1	3.3	64TQFP	-40 to 85C	
	TMS320F28034PAGS	60	16	--	--	--	20	128	Boot	2	14	5	7	1	1	12-bit	13	216.67	4	3	2	1	1	1	1	--	--	1	2	33	1	3.3	64TQFP	-40 to 125C	
	TMS320F28034PAGQ	60	16	--	--	--	20	128	Boot	2	14	5	7	1	1	12-bit	13	216.67	4	3	2	1	1	1	1	--	--	1	2	33	1	3.3	64TQFP	-40 to 125C	
	TMS320F28034PNA	60	16	--	--	--	20	128	Boot	2	14	5	7	1	1	12-bit	16	216.67	4	3	2	1	1	1	1	--	--	1	2	44	1	3.3	80LQFP	-40 to 85C	
	TMS320F28034PNS	60	16	--	--	--	20	128	Boot	2	14	5	7	1	1	12-bit	16	216.67	4	3	2	1	1	1	1	--	--	1	2	44	1	3.3	80LQFP	-40 to 125C	
	TMS320F28034PNQ	60	16	--	--	--	20	128	Boot	2	14	5	7	1	1	12-bit	16	216.67	4	3	2	1	1	1	1	--	--	1	2	44	1	3.3	80LQFP	-40 to 125C	
	TMS320F28033PAGA	60	16	--	Yes	--	20	64	Boot	2	14	5	7	1	1	12-bit	13	216.67	4	3	2	1	1	1	1	--	--	1	2	33	1	3.3	64TQFP	-40 to 85C	
	TMS320F28033PAGS	60	16	--	Yes	--	20	64	Boot	2	14	5	7	1	1	12-bit	13	216.67	4	3	2	1	1	1	1	--	--	1	2	33	1	3.3	64TQFP	-40 to 125C	
	TMS320F28033PAGQ	60	16	--	Yes	--	20	64	Boot	2	14	5	7	1	1	12-bit	13	216.67	4	3	2	1	1	1	1	--	--	1	2	33	1	3.3	64TQFP	-40 to 125C	
	TMS320F28033PNA	60	16	--	Yes	--	20	64	Boot	2	14	5	7	1	1	12-bit	16	216.67	4	3	2	1	1	1	1	--	--	1	2	44	1	3.3	80LQFP	-40 to 85C	
	TMS320F28033PNS	60	16	--	Yes	--	20	64	Boot	2	14	5	7	1	1	12-bit	16	216.67	4	3	2	1	1	1	1	--	--	1	2	44	1	3.3	80LQFP	-40 to 125C	
	TMS320F28033PNQ	60	16	--	Yes	--	20	64	Boot	2	14	5	7	1	1	12-bit	16	216.67	4	3	2	1	1	1	1	--	--	1	2	44	1	3.3	80LQFP	-40 to 125C	
	TMS320F28035PAGA	60	16	--	Yes	--	20	128	Boot	2	14	5	7	1	1	12-bit	13	216.67	4	3	2	1	1	1	1	--	--	1	2	33	1	3.3	64TQFP	-40 to 85C	
	TMS320F28035PAGS	60	16	--	Yes	--	20	128	Boot	2	14	5	7	1	1	12-bit	13	216.67	4	3	2	1	1	1	1	--	--	1	2	33	1	3.3	64TQFP	-40 to 125C	
	TMS320F28035PAGQ	60	16	--	Yes	--	20	128	Boot	2	14	5	7	1	1	12-bit	13	216.67	4	3	2	1	1	1	1	--	--	1	2	33	1	3.3	64TQFP	-40 to 125C	
	TMS320F28035PNA	60	16	--	Yes	--	20	128	Boot	2	14	5	7	1	1	12-bit	16	216.67	4	3	2	1	1	1	1	--	--	1	2	44	1	3.3	80LQFP	-40 to 85C	
	TMS320F28035PNS	60	16	--	Yes	--	20	128	Boot	2	14	5	7	1	1	12-bit	16	216.67	4	3	2	1	1	1	1	--	--	1	2	44	1	3.3	80LQFP	-40 to 125C	
TMS320F28035PNQ	60	16	--	Yes	--	20	128	Boot	2	14	5	7	1	1	12-bit	16	216.67	4	3	2	1	1	1	1	--	--	1	2	44	1	3.3	80LQFP	-40 to 125C		