

# PT32L076 Series

## SELECTION GUIDE



Part Number	Memory		Core	CPU Frequency	Operating Voltage	GPIO	DMA	Timer & Counter					Communication Interface				Clock					Analog					Security		Algorithm	Display	Operating Temperature	Package Information				
	Flash (K)	RAM (K)		MHz	VDD (V)	I/O		Adv	Gen	Base	Low Power	WDG	RTC	UART	LPART	I2C	SPI	HSE (MHz)	LSE (KHz)	HSI (MHz)	LSI (KHz)	PLL (mult)	ADC 12-bit	COMP	OPA	DAC 7-bit	PVD	Beep		CRC	AES	LCDD	°C	Package Types	Thickness	Pin Pitch
PT32L076RBT7	128	32	M0	64	1.8-4.2	56	6	1	4	2	2	1	4	2	2	2	4-25	32.768	32	32/38.4	2	26 ext +2 int	4	4	1	✓	✓	✓	128/192/256	MULT DIV	2+42 4+40 6+38 8+36	-40-105	LQFP64 (10+10)	1.6mm	0.5mm	Tray
PT32L076R8T7	64	16	M0	64	1.8-4.2	56	6	1	4	2	2	1	4	2	2	4-25	32.768	32	32/38.4	2	26 ext +2 int	4	4	1	✓	✓	✓	128/192/256	MULT DIV	2+42 4+40 6+38 8+36	-40-105	LQFP64 (10+10)	1.6mm	0.5mm	Tray	
PT32L076RBR7	128	32	M0	64	1.8-4.2	56	6	1	4	2	2	1	4	2	2	4-25	32.768	32	32/38.4	2	26 ext +2 int	4	4	1	✓	✓	✓	128/192/256	MULT DIV	2+42 4+40 6+38 8+36	-40-105	LQFP64 (7+7)	1.6mm	0.4mm	Tray	
PT32L076R8R7	64	16	M0	64	1.8-4.2	56	6	1	4	2	2	1	4	2	2	4-25	32.768	32	32/38.4	2	26 ext +2 int	4	4	1	✓	✓	✓	128/192/256	MULT DIV	2+42 4+40 6+38 8+36	-40-105	LQFP64 (7+7)	1.6mm	0.4mm	Tray	
PT32L076CBT7	128	32	M0	64	1.8-4.2	40	6	1	4	2	2	1	4	2	2	4-25	32.768	32	32/38.4	2	20 ext +2 int	3	2	1	✓	✓	✓	128/192/256	MULT DIV	2+28 4+26 6+24 8+22	-40-105	LQFP48 (7+7)	1.6mm	0.5mm	Tray	
PT32L076C8T7	64	16	M0	64	1.8-4.2	40	6	1	4	2	2	1	4	2	2	4-25	32.768	32	32/38.4	2	20 ext +2 int	3	2	1	✓	✓	✓	128/192/256	MULT DIV	2+28 4+26 6+24 8+23	-40-105	LQFP48 (7+7)	1.6mm	0.5mm	Tray	
PT32L076KBX7	128	32	M0	64	1.8-4.2	26	6	1	4	2	2	1	4	2	2	4-25	32.768	32	32/38.4	2	18 ext +2 int	2	2	1	✓	✓	✓	128/192/256	MULT DIV	2+19 4+17 6+15 8+13	-40-105	QFN32 (4+4)	0.75mm	0.4mm	Tray	
PT32L076K8X7	64	16	M0	64	1.8-4.2	26	6	1	4	2	2	1	4	2	2	4-25	32.768	32	32/38.4	2	18 ext +2 int	2	2	1	✓	✓	✓	128/192/256	MULT DIV	2+19 4+17 6+15 8+13	-40-105	QFN32 (4+4)	0.75mm	0.4mm	Tray	
PT32L076KBT7	128	32	M0	64	1.8-4.2	26	6	1	4	2	2	1	4	2	2	4-25	32.768	32	32/38.4	2	18 ext +2 int	2	2	1	✓	✓	✓	128/192/256	MULT DIV	2+17 4+15 6+13 8+11	-40-105	LQFP32 (7+7)	1.6mm	0.8mm	Tray	
PT32L076K8T7	64	16	M0	64	1.8-4.2	26	6	1	4	2	2	1	4	2	2	4-25	32.768	32	32/38.4	2	18 ext +2 int	2	2	1	✓	✓	✓	128/192/256	MULT DIV	2+17 4+15 6+13 8+11	-40-105	LQFP32 (7+7)	1.6mm	0.8mm	Tray	