

# EPSON TOYOCOM Real-Time Clocks and Oscillators

RoHS Compliant This product is RoHS compliant.

## REAL TIME CLOCK MODULES

**4-Bit** • 12/24 hour changeable and leap year auto

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Epson Toyocom Part No.	Fig.	Operating Temperature (°C)	Voltage	Price Each			
					1	10	50	100
732-RTC-72421AR	RTC-72421A:ROHS	A	-10 to +70	5.5V	8.89	7.62	6.35	5.08
732-RTC-72423A:3R	RTC-72423A:3:ROHS	B	-40 to +85	5.5V	9.98	8.55	7.12	5.70
732-RTC-72423AR	RTC-72423A:ROHS	B	-40 to +85	5.5V	9.98	8.55	7.12	5.70

## Low Current Consumption I<sup>2</sup>C-Bus Interface

• Full calendar, alarm, timer, power supply voltage monitoring For quantities greater than listed, call for quote.

732-RTC-8564NB:B3R	RTC-8564NB:B3:ROHS	C	-40 to +85	3V	6.34	5.43	4.52	4.07
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## Built-In SRAM Serial Interface

• 128 bit (8 bit x 16) RAM • Full calendar, alarm, timer For quantities greater than listed, call for quote.

732-RX-4581NB:B3R	RX-4581NB:B3:ROHS	C	-40 to +85	3V	5.22	4.47	3.72	3.35
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## High Stability I<sup>2</sup>C-Bus Interface

• Full calendar, alarm, timer For quantities greater than listed, call for quote.

732-RX-8025SA:AA3	RX-8025SA:AA3	D	-40 to +85	3V	4.06	3.48	2.90	2.61
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## I<sup>2</sup>C-Bus Interface

• Full calendar, alarm, timer For quantities greater than listed, call for quote.

732-RX-8581SA:B3R	RX-8581SA:B3:ROHS	D	-40 to +85	3V	3.00	2.50	2.25	2.05
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## Simple Function Serial-Interface

• Full calendar, timer, low voltage detection For quantities greater than listed, call for quote.

732-RTC-4543SA:A0R	RTC-4543SA:A0:ROHS	D	-10 to +85	5.0V	5.04	4.32	3.60	3.24
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## SPXO CRYSTAL OSCILLATORS

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Epson Toyocom Part No.	Fig.	Frequency (MHz)	Package L x W x H (mm)	Voltage	Price Each			
						1	10	50	100
732-3030JC32.76KB3R	SG-3030JC 32.7680KB3:ROHS	E	32.768	10.5 x 5.8 x 2.7	1.5-5.5V	4.67	4.00	2.93	2.70
732-3030LC32.7KB0.SN	SG-3030LC 32.7680KB0_PURE SN	F	32.768	3.6 x 2.4 x 1.2	1.5-5.5V	4.88	4.22	3.70	3.10
732-3040LC32.7KB3.SN	SG-3040LC 32.7680KB3_PURE SN	F	32.768	3.6 x 2.4 x 1.2	0.9-3.6V	4.88	4.22	3.70	3.10
732-310SCF25.0000MB3	SG-310SCF 25.0000MB3	G	25.000000	3.2 x 2.5 x 1.05	3.3	6.67	5.71	4.19	3.85
732-310SCF48.0000MC3	SG-310SCF 48.0000MC3	G	48.000000	3.2 x 2.5 x 1.05	3.3	5.93	5.08	3.72	3.42
732-531P10.0000MCR	SG-531P 10.0000MC:ROHS	H	10.000000	13.7 x 6.6 x 5.3	5	5.15	4.41	3.23	2.94
732-531P12.2880MCR	SG-531P 12.2880MC:ROHS	H	12.288000	13.7 x 6.6 x 5.3	5	5.15	4.41	3.23	2.94
732-531P14.7456MCR	SG-531P 14.7456MC:ROHS	H	14.745600	13.7 x 6.6 x 5.3	5	5.15	4.41	3.23	2.94
732-531P18.4320MCR	SG-531P 18.4320MC:ROHS	H	18.432000	13.7 x 6.6 x 5.3	5	5.15	4.41	3.23	2.94
732-531P19.6608MCR	SG-531P 19.6608MC:ROHS	H	19.660800	13.7 x 6.6 x 5.3	5	5.15	4.41	3.23	2.94
732-531P3.2768MCR	SG-531P 3.2768MC:ROHS	H	3.276800	13.7 x 6.6 x 5.3	5	5.15	4.41	3.23	2.94
732-531P3.579545MCR	SG-531P 3.579545MC:ROHS	H	3.579545	13.7 x 6.6 x 5.3	5	5.15	4.41	3.23	2.94
732-531P3.6864MCR	SG-531P 3.6864MC:ROHS	H	3.686400	13.7 x 6.6 x 5.3	5	5.15	4.41	3.23	2.94
732-531P4.0000MCR	SG-531P 4.0000MC:ROHS	H	4.000000	13.7 x 6.6 x 5.3	5	5.15	4.41	3.23	2.94
732-531P8.0000MCR	SG-531P 8.0000MC:ROHS	H	8.000000	13.7 x 6.6 x 5.3	5	5.15	4.41	3.23	2.94
732-531PTJ27.0000MCR	SG-531PTJ 27.0000MC:ROHS	H	27.000000	13.7 x 6.6 x 5.3	5	5.15	4.41	3.23	2.94
732-531PTJ29.4910MCR	SG-531PTJ 29.4910MC:ROHS	H	29.491000	13.7 x 6.6 x 5.3	5	5.15	4.41	3.23	2.94
732-615P1.8432MCR	SG-615P 1.8432MC0:ROHS	I	1.843200	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P10.0000MCR	SG-615P 10.0000MC0:ROHS	I	10.000000	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P11.0592MCR	SG-615P 11.0592MC0:ROHS	I	11.059200	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P12.0000MCR	SG-615P 12.0000MC0:ROHS	I	12.000000	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P12.2880MCR	SG-615P 12.2880MC0:ROHS	I	12.288000	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P14.3181MCR	SG-615P 14.3181MC0:ROHS	I	14.318180	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P14.7456MCR	SG-615P 14.7456MC3:ROHS	I	14.745600	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P16.0000MCR	SG-615P 16.0000MC0:ROHS	I	16.000000	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P18.4320MCR	SG-615P 18.4320MC0:ROHS	I	18.432000	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P19.6608MCR	SG-615P 19.6608MC0:ROHS	I	19.660800	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P2.0000MCR	SG-615P 2.0000MC0:ROHS	I	2.000000	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P2.0480MCR	SG-615P 2.0480MC0:ROHS	I	2.048000	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P2.4576MCR	SG-615P 2.4576MC0:ROHS	I	2.457600	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P20.0000MCR	SG-615P 20.0000MC0:ROHS	I	20.000000	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P22.1184MCR	SG-615P 22.1184MC0:ROHS	I	22.118400	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P25.0000MCR	SG-615P 25.0000MC0:ROHS	I	25.000000	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P3.6864MCR	SG-615P 3.6864MC0:ROHS	I	3.686400	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P4.0000MCR	SG-615P 4.0000MC0:ROHS	I	4.000000	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615P7.3728MCR	SG-615P 7.3728MC0:ROHS	I	7.372800	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-615PCG25.0B3R	SG-615PCG 25.0000MB3:ROHS	I	25.000000	14.0 x 9.8 x 4.7	5	5.83	4.99	3.66	3.45
732-615PTJ27.0000MCR	SG-615PTJ 27.0000MC0:ROHS	I	27.000000	14.0 x 9.8 x 4.7	5	5.25	4.50	3.30	3.00
732-636PCE3.6864MCR	SG-636PCE 3.6864MC0:ROHS	E	3.686400	10.5 x 5.8 x 2.7	3.3	6.56	5.62	4.12	3.75
732-636PCE36.0000MCR	SG-636PCE 36.0000MC0:ROHS	E	36.000000	10.5 x 5.8 x 2.7	3.3	6.56	5.62	4.12	3.75
732-636PCE4.0000MCR	SG-636PCE 4.0000MC0:ROHS	E	4.000000	10.5 x 5.8 x 2.7	3.3	6.56	5.62	4.12	3.75
732-636PCE40.0000MCR	SG-636PCE 40.0000MC0:ROHS	E	40.000000	10.5 x 5.8 x 2.7	3.3	6.56	5.62	4.12	3.75
732-636PCE5.0000MCR	SG-636PCE 5.0000MC0:ROHS	E	5.000000	10.5 x 5.8 x 2.7	3.3	6.56	5.62	4.12	3.75
732-636PCE6.0000MCR	SG-636PCE 6.0000MC0:ROHS	E	6.000000	10.5 x 5.8 x 2.7	3.3	6.56	5.62	4.12	3.75
732-636PCE8.0000MCR	SG-636PCE 8.0000MC0:ROHS	E	8.000000	10.5 x 5.8 x 2.7	3.3	6.56	5.62	4.12	3.75

## LOW-JITTER SAW CRYSTAL OSCILLATORS

• Case size: 7.0mm x 5.0mm x 1.4mm (max.)  
• Low jitter and low phase noise

For quantities greater than listed, call for quote.

MOUSER STOCK NO.	Epson Toyocom Part No.	Fig.	Frequency (MHz)	Output	Voltage	Price Each				
						1	10	50	100	500
732-EG2001106.2PCHL3	EG-2001CA 106.2500M-PCHL3	J	106.250000	CMOS	3.3	23.63	20.25	14.85	13.50	11.94
732-EG2001125PCHL3	EG-2001CA 125.0000M-PCHL3	J	125.000000	CMOS	3.3	23.63	20.25	14.85	13.50	11.94
732-EG2101125PCHL3	EG-2101CA 125.0000M-PCHL3	K	125.000000	Diff LVPECL	3.3	32.70	27.25	24.53	21.80	17.99
732-2101161.1MPCHL3	EG-2101CA 161.1328M-PCHL3	K	161.132800	Diff LVPECL	3.3	36.30	30.25	27.23	24.20	20.57
732-2102125PHPAL3	EG-2102CA 125.0000M-PHPAL3	K	125.000000	LVPECL	3.3	36.00	30.00	27.00	24.00	20.40
732-2102212.5MPHAL3	EG-2102CA 212.5000M-PHPAL3	K	212.500000	HCSL	3.3	39.60	33.00	29.70	26.40	22.44
732-2102312.5MPHAL3	EG-2102CA 312.5000M-PHPAL3	K	312.500000	HCSL	3.3	39.60	33.00	29.70	26.40	22.44
732-2121100LGPLAL3	EG-2121CA 100.0000M-LGPLAL3	K	100.000000	LVDS	2.5	44.10	36.75	33.08	29.40	24.99
732-2121125LHPAL3	EG-2121CA 125.0000M-LHPAL3	K	125.000000	LVDS	2.5	39.60	33.00	29.70	26.40	22.44
732-2121156.2LHPAL3	EG-2121CA 156.2500M-LHPAL3	K	156.250000	LVDS	2.5	42.30	35.25	31.73	28.20	23.97
732-2121200LGPLAL3	EG-2121CA 200.0000M-LGPLAL3	K	200.000000	LVDS	2.5	48.75	40.63	36.56	32.50	26.81
732-2121200LGNL3	EG-2121CA 200.0000M-LGPNL3	K	200.000000	LVDS	2.5	45.90	38.25	34.43	30.60	26.01
732-2121200LHPAL3	EG-2121CA 200.0000M-LHPAL3	K	200.000000	LVDS	2.5	42.30	35.25	31.73	28.20	23.97
732-2121200PHPAL3	EG-2121CA 200.0000M-PHPAL3	K	200.000000	LVPECL	2.5	42.30	35.25	31.73	28.20	23.97
732-2121250LGPLAL3	EG-2121CA 250.0000M-LGPLAL3	K	250.000000	LVDS	2.5	48.75	40.63	36.56	32.50	27.63
732-2121312.5MLGPLAL3	EG-2121CA 312.5000M-LGPLAL3	K	312.500000	LVDS	2.5	48.75	40.63	36.56	32.50	27.63

