

# Timing Function IC

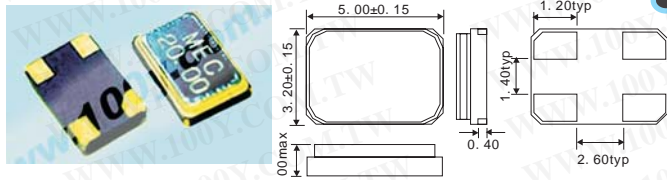
## MEC\_SWO Series Clock Oscillators

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)

Part No.	Product No.	Manufacturer	Description	Frequency(MHz)	Tol. $\pm$ ppm	Operating Volt.	Input Current	Rise Fall time	Package
48323	3SWO-BT-24.576MHz	MEC	SWO Series Clock Oscillators	24.576MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48324	3SWO-BT-25.000MHz	MEC	SWO Series Clock Oscillators	25.000MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48309	3SWO-BT-27.000MHz	MEC	SWO Series Clock Oscillators	27.000MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48325	3SWO-BT-29.4912MHz	MEC	SWO Series Clock Oscillators	29.4912MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48300	3SWO-BT-3.6864MHz	MEC	SWO Series Clock Oscillators	3.6864MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48326	3SWO-BT-32.000MHz	MEC	SWO Series Clock Oscillators	32.000MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48327	3SWO-BT-32.768MHz	MEC	SWO Series Clock Oscillators	32.768MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48310	3SWO-BT-33.333MHz	MEC	SWO Series Clock Oscillators	33.333MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48328	3SWO-BT-35.328MHz	MEC	SWO Series Clock Oscillators	35.328MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48302	3SWO-BT-4.000MHz	MEC	SWO Series Clock Oscillators	4.000MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48329	3SWO-BT-40.000MHz	MEC	SWO Series Clock Oscillators	40.000MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48311	3SWO-BT-44.000MHz	MEC	SWO Series Clock Oscillators	44.000MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48330	3SWO-BT-45.000MHz	MEC	SWO Series Clock Oscillators	45.000MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48312	3SWO-BT-49.152MHz	MEC	SWO Series Clock Oscillators	49.152MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48313	3SWO-BT-50.000MHz	MEC	SWO Series Clock Oscillators	50.000MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48314	3SWO-BT-60.000MHz	MEC	SWO Series Clock Oscillators	60.000MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48331	3SWO-BT-66.666MHz	MEC	SWO Series Clock Oscillators	66.666MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48317	3SWO-BT-7.3728MHz	MEC	SWO Series Clock Oscillators	7.3728MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48303	3SWO-BT-8.000MHz	MEC	SWO Series Clock Oscillators	8.000MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm
48315	3SWO-BT-80.000MHz	MEC	SWO Series Clock Oscillators	80.000MHz	$\pm$ 50ppm	3.3V	15mA max.	7n sec. max.	57*1.4mm

## MEC\_MJ,MF,MQ Series Crystals

Detailed product specifications are available on: [us.100y.com.tw](http://us.100y.com.tw)



Green Requirement	RoHS compliant and Pb (lead free)
Storage Temperature	-40°C to +85°C
Gross Leak	1 Kg Pressurized water immersion test per Mercury internal procedures
Thermal Shock	Temperature cycling: Exposed at -40°C for 30 minutes then to +85°C for 30 minutes for duration of 5 days
Marking Permanency	MIL-STD-202, Method 215. Laser engraved.
Insulation Resistance	500 MW min. at 100 V $\pm$ 15 V DC

- Ultra-miniature 5x3.2 mm; ultra thin 1.0 mm height
- Gold plated ceramic base with metal lid seam welded package
- Extremely low aging. Specifically designed for hand-held communication equipment, MP3, PDAs, GPS and W-LAN.

- High shock resistance and vibration resistance
- RoHS compliant and lead free product

Part No.	Product No.	Manufacturer	Description	Frequency(MHz)	$\pm$ ppm	Load capacitance(pF)	Can Style
48041	MJ-10.000-20P	MEC	5*3.2 Surface Mount Crystal	10.000MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48042	MJ-11.0592-20P	MEC	5*3.2 Surface Mount Crystal	11.0592MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48017	MJ-12.000-20P	MEC	5*3.2 Surface Mount Crystal	12.000MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48018	MJ-12.288-20P	MEC	5*3.2 Surface Mount Crystal	12.288MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48020	MJ-13.000-16P	MEC	5*3.2 Surface Mount Crystal	13.000MHz	$\pm$ 30ppm	16PF	5*3.2*1mm
48043	MJ-13.500-20P	MEC	5*3.2 Surface Mount Crystal	13.500MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48044	MJ-13.560-20P	MEC	5*3.2 Surface Mount Crystal	13.560MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48021	MJ-14.31818-20P	MEC	5*3.2 Surface Mount Crystal	14.31818MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48022	MJ-14.7456-20P	MEC	5*3.2 Surface Mount Crystal	14.7456MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48045	MJ-15.360-12P	MEC	5*3.2 Surface Mount Crystal	15.360MHz	$\pm$ 30ppm	12PF	5*3.2*1mm
48023	MJ-16.000-20P	MEC	5*3.2 Surface Mount Crystal	16.000MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48024	MJ-16.384-20P	MEC	5*3.2 Surface Mount Crystal	16.384MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48054	MJ-16.9344-12	MEC	5*3.2 Surface Mount Crystal	16.9344MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48027	MJ-18.432-20P	MEC	5*3.2 Surface Mount Crystal	18.432MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48055	MJ-19.200-20P	MEC	5*3.2 Surface Mount Crystal	19.200MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48056	MJ-19.440-20P	MEC	5*3.2 Surface Mount Crystal	19.440MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48057	MJ-19.6608-20P	MEC	5*3.2 Surface Mount Crystal	19.6608MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48058	MJ-19.680-20P	MEC	5*3.2 Surface Mount Crystal	19.680MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48059	MJ-19.800-20P	MEC	5*3.2 Surface Mount Crystal	19.800MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48060	MJ-20.000-20P	MEC	5*3.2 Surface Mount Crystal	20.000MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48061	MJ-20.945-20P	MEC	5*3.2 Surface Mount Crystal	20.945MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48062	MJ-22.1184-20P	MEC	5*3.2 Surface Mount Crystal	22.1184MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48028	MJ-24.000-20P	MEC	5*3.2 Surface Mount Crystal	24.000MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48029	MJ-24.576-20P	MEC	5*3.2 Surface Mount Crystal	24.576MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48025	MJ-25.000-20P	MEC	5*3.2 Surface Mount Crystal	25.000MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48046	MJ-26.000-20P	MEC	5*3.2 Surface Mount Crystal	26.000MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48047	MJ-28.880-20P	MEC	5*3.2 Surface Mount Crystal	28.880MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48048	MJ-29.500-16P	MEC	5*3.2 Surface Mount Crystal	29.500MHz	$\pm$ 30ppm	16PF	5*3.2*1mm
48049	MJ-30.000-20P	MEC	5*3.2 Surface Mount Crystal	30.000MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48050	MJ-32.000-20P	MEC	5*3.2 Surface Mount Crystal	32.000MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48051	MJ-32.768-20P	MEC	5*3.2 Surface Mount Crystal	32.768MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48052	MJ-40.000-20P	MEC	5*3.2 Surface Mount Crystal	40.000MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48053	MJ-44.000-20P	MEC	5*3.2 Surface Mount Crystal	44.000MHz	$\pm$ 30ppm	20PF	5*3.2*1mm
48026	MJ-48.000-20P	MEC	5*3.2 Surface Mount Crystal	48.000MHz	$\pm$ 30ppm	20PF	5*3.2*1mm



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