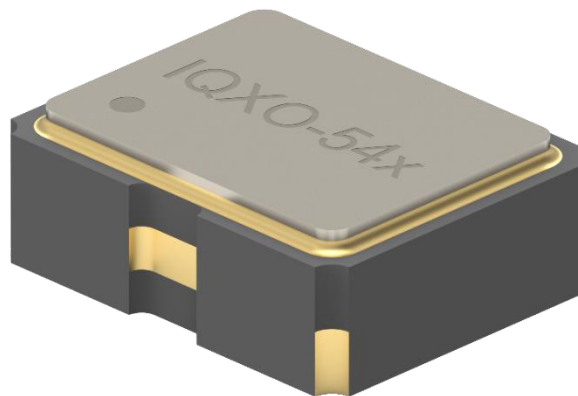


Miniature oscillator suits multiple applications

IQXO-540

IQXO-541

IQXO-542



Key Features

Miniature package of 2.0 x 1.6 x 0.7 mm

Suitable for multiple applications

Available in supply voltages of 1.8 V, 2.5 V & 3.3 V

Miniature oscillator suits multiple applications

The IQXO-54x is available in three supply voltages: 1.8 V, 2.5 V & 3.3 V. Housed in a miniature package of 2.0 x 1.6 x 0.7 mm, the IQXO-54x is a standard CMOS oscillator suitable for many different applications. The IQXO-54x is available either direct from IQD or via its extensive range of worldwide partners with many frequencies available ex stock.

Specification

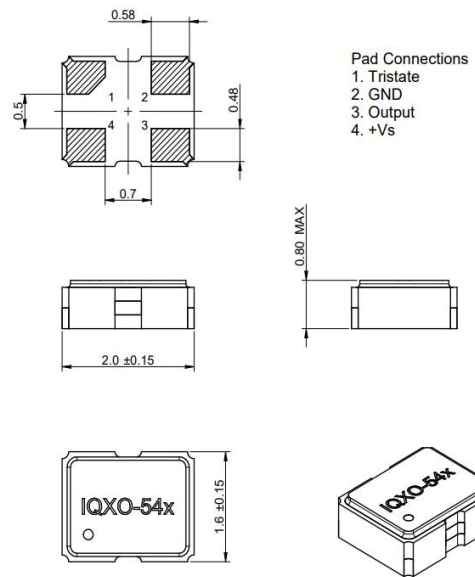
- Package sizes (SMD):
2.0 x 1.6 mm
- Frequency range: 1 to 80 MHz
- ± 30 ppm over -20 to 70 °C
 ± 50 ppm over -40 to 85 °C
- 1.8 V, 2.5 V & 3.3 V supply voltage
- CMOS output

Applications:

Ideal for but not limited to:

- Audio & Multimedia Devices
- Communication Devices
- IoT
- Industrial Devices
- Navigation & Locators
- Real Time Clocks
- Test & Measurement Equipment

Outline (mm)



Stock parts available:

Model	IQD Part No.	WE Part No.	Package Size	Output	Frequency	Stability	Operating Temp. Range	Voltage
IQXO-542	LFSPX0082164	LFSPX0082164RL3K	2.0 x 1.6 x 0.7 mm	CMOS	4.0 MHz	±25 ppm	-20 to 70°C	1.8 V
IQXO-540	LFSPX0082146	LFSPX0082146RL3K	2.0 x 1.6 x 0.7 mm	CMOS	4.0 MHz	±25 ppm	-20 to 70°C	3.3 V
IQXO-542	LFSPX0082166	LFSPX0082166RL3K	2.0 x 1.6 x 0.7 mm	CMOS	8.0 MHz	±25 ppm	-20 to 70°C	1.8 V
IQXO-540	LFSPX0054046	-	2.0 x 1.6 x 0.7 mm	CMOS	10.0 MHz	±50 ppm	-40 to 85°C	3.3 V
IQXO-542	LFSPX0082168	LFSPX0082168RL3K	2.0 x 1.6 x 0.7 mm	CMOS	12.2880 MHz	±25 ppm	-20 to 70°C	1.8 V
IQXO-540	LFSPX0082149	LFSPX0082149RL3K	2.0 x 1.6 x 0.7 mm	CMOS	12.2880 MHz	±25 ppm	-20 to 70°C	3.3 V
IQXO-540	LFSPX0066629	-	2.0 x 1.6 x 0.7 mm	CMOS	16.0 MHz	±50 ppm	-40 to 85°C	3.3 V
IQXO-542	LFSPX0056188	-	2.0 x 1.6 x 0.7 mm	CMOS	19.20 MHz	±50 ppm	-40 to 85°C	1.8 V
IQXO-540	LFSPX0082150	LFSPX0082150RL3K	2.0 x 1.6 x 0.7 mm	CMOS	19.20 MHz	±25 ppm	-20 to 70°C	3.3 V
IQXO-542	LFSPX0056215	LFSPX0056215RL3K	2.0 x 1.6 x 0.7 mm	CMOS	20.0 MHz	±50 ppm	-40 to 85°C	1.8 V
IQXO-542	LFSPX0082171	-	2.0 x 1.6 x 0.7 mm	CMOS	24.0 MHz	±25 ppm	-20 to 70°C	1.8 V
IQXO-540	LFSPX0082151	LFSPX0082151RL3K	2.0 x 1.6 x 0.7 mm	CMOS	24.0 MHz	±25 ppm	-20 to 70°C	3.3 V
IQXO-542	LFSPX0082174	LFSPX0082174RL3K	2.0 x 1.6 x 0.7 mm	CMOS	24.576 MHz	±25 ppm	-20 to 70°C	1.8 V
IQXO-540	LFSPX0082152	LFSPX0082152RL3K	2.0 x 1.6 x 0.7 mm	CMOS	24.576 MHz	±25 ppm	-20 to 70°C	3.3 V
IQXO-542	LFSPX0082176	LFSPX0082176RL3K	2.0 x 1.6 x 0.7 mm	CMOS	26.0 MHz	±25 ppm	-20 to 70°C	1.8 V
IQXO-540	LFSPX0082153	LFSPX0082153RL3K	2.0 x 1.6 x 0.7 mm	CMOS	26.0 MHz	±25 ppm	-20 to 70°C	3.3 V
IQXO-542	LFSPX0082178	LFSPX0082178RL3K	2.0 x 1.6 x 0.7 mm	CMOS	27.0 MHz	±25 ppm	-20 to 70°C	1.8 V
IQXO-540	LFSPX0082154	LFSPX0082154RL3K	2.0 x 1.6 x 0.7 mm	CMOS	27.0 MHz	±25 ppm	-20 to 70°C	3.3 V
IQXO-542	LFSPX0082179	LFSPX0082179RL3K	2.0 x 1.6 x 0.7 mm	CMOS	30.0 MHz	±25 ppm	-20 to 70°C	1.8 V
IQXO-540	LFSPX0082155	LFSPX0082155RL3K	2.0 x 1.6 x 0.7 mm	CMOS	30.0 MHz	±25 ppm	-20 to 70°C	3.3 V
IQXO-540	LFSPX0068248	-	2.0 x 1.6 x 0.7 mm	CMOS	32.0 MHz	±50 ppm	-40 to 85°C	3.3 V
IQXO-542	LFSPX0082181	-	2.0 x 1.6 x 0.7 mm	CMOS	32.7680 MHz	±25 ppm	-20 to 70°C	1.8 V
IQXO-540	LFSPX0068250	-	2.0 x 1.6 x 0.7 mm	CMOS	38.40 MHz	±50 ppm	-40 to 85°C	3.3 V
IQXO-540	LFSPX0056247	-	2.0 x 1.6 x 0.7 mm	CMOS	40.0 MHz	±50 ppm	-40 to 85°C	3.3 V
IQXO-542	LFSPX0082182	LFSPX0082182RL3K	2.0 x 1.6 x 0.7 mm	CMOS	50.0 MHz	±25 ppm	-20 to 70°C	1.8 V
IQXO-540	LFSPX0082158	LFSPX0082158RL3K	2.0 x 1.6 x 0.7 mm	CMOS	50.0 MHz	±25 ppm	-20 to 70°C	3.3 V

For other specifications, please contact IQD.