

# DATASHEET

O-SMD2520



PART NO.: 21-0086

PART DESCR.: O-SMD2520-M4-50.000000 MHz-1.6~3.6-50-4085 | EPSON SG-210STF 50.000000MHZ L TR3000

TYPE: O-SMD2520

MANUFACTURER: quarzwerk 01 GmbH

## PRODUCT IMAGE



## MARKING DIMENSION

## TECHNICAL SPECIFICATION

A 1.00 Manufacturer Name	EPSON
A 1.01 Manufacturer Part No.	X1G004171004700
A 1.02 Description	Quartz Crystal Oscillator
A 1.03 Series	SG-210STF
A 1.04 Dimension & Type	MHz   SMD2520 (2.5 x 2.0 mm)
A 1.05 VPE	TR3000
A 1.06 Date Created	2026-02
A 1.07 Last Update	2026-02
O 3.01 Nominal Frequency (Fo)	50.000000 MHz
O 3.02 Supply Voltage (VDD)	1.60 ~ 3.63 V
O 3.03 Input Current	2.6 mA max.
O 3.04 Frequency Stability Over All *	±50 ppm
O 3.05 Operating Temp. Range	-40°C ~ +85°C
O 3.07 Output Logic	CMOS
O 3.08 Output Load	15 pF
O 3.09 "1" Level	≥ 90 % VDD
O 3.10 "0" Level	≤ 10 % VDD
O 3.12 Symmetry	45 / 55
O 3.13 Rise / Fall Time	Fall time: 3nsec Max (20% to 80%)
O 3.14 Output Disable / Enable Delay Time	-
O 3.15 Start-up Time	≤ 3 ms max.

## CERTIFICATIONS



RoHS  
Compliant



ISO 9001:2000  
certified by SGS



ISO 14001:2004  
certified by SGS