

# My Favorite Frequencies with Applications

Frequencies	Applications
3.580MHz	Video, NTSC
3.686MHz	UART, CDMA
4.000MHz	MCU, IoT, Industrial
4.096MHz	ISDN
4.194MHz	Real time clocks (less common than 32kHz)
8.000MHz	MCU, CAN
10.000MHz	Synchronization, backplane, MCU/CPU
11.059MHz	8051 MCU, UART, Industrial, CAN Bus
12.000MHz	USB, CAN
12.288MHz	Digital audio, DAT
12.800MHz	TCXO, OCXO, Stratum 3, Telecom
13.000MHz	GSM/UMTS, Mobile
13.560MHz	RFID/NFC
14.318MHz	Video, computer graphics, VGA
14.746MHz	UART, Industrial, CAN Bus
16.000MHz	BLE, Bluetooth, ISM, CAN
16.384MHz	GPS, TCXO
18.432MHz	UART, Industrial, CAN Bus
19.200MHz	SONET, Telecom OCXO
19.440MHz	SONET
19.661MHz	CDMA
38.400MHz	SONET
20.000MHz	MCU, Ethernet
22.118MHz	UART
22.000MHz	High speed CAN Bus, high speed UART
24.000MHz	USB, BLE
24.576MHz	Audio, Firewire
25.000MHz	Ethernet, PCI
26.000MHz	BLE, GSM/UMTS, Mobile, DVB Receivers, High speed CAN Bus, high speed UART
27.000MHz	Video, Audio, PAL/NTSC
27.120MHz	RFID/NFC
28.636MHz	Video, NTSC, CCD cameras
29.491MHz	UART

# My Favorite Frequencies with Applications

30.000MHz	MCU/CPU, High speed CAN Bus, high speed UART
32.000MHz	WiFi
32.768kHz	Real time clocks
34.000MHz	High speed CAN Bus, high speed UART
36.000MHz	VGA, High speed CAN Bus, high speed UART
38.400MHz	3G Mobile TCXO
38.880MHz	SONET
39.000MHz	GSM/UMTS, Mobile TCXO
40.000MHz	High speed CAN Bus, high speed UART
78.000MHz	SONET
48.000MHz	USB
74.176MHz	Video (NTSC), SDI
74.250MHz	Video (PAL), SDI
148.500MHz	SONET
100.000MHz	PCI Express (PCIe)
106.250MHz	Fibre Channel
114.285MHz	Jitter Attenuator, OTN
122.880MHz	CPRI, Basestation, wireless
122.880MHz	CPRI, Basestation, wireless
125.000MHz	Gigabit Ethernet
133.333MHz	DDR Memory
148.352MHz	HDSOI, 3G HDSOI
148.500MHz	HDSOI, 3G HDSOI
150.000MHz	SAS/Fibre Channel
155.520MHz	SONET
311.040MHz	SONET
156.250MHz	10/40/100 Gigabit Ethernet
312.500MHz	OTN, FPGA, Ethernet
212.500MHz	Fibre Channel
425.000MHz	SONET
322.266MHz	Intel Omnipath, OTN, FPGA, HPC
644.531MHz	SONET