

Bit Weights for DDS8m Based Synthesizers.

bit=0	Freq, Hz=	0.000001
bit=1	Freq, Hz=	0.000002
bit=2	Freq, Hz=	0.000004
bit=3	Freq, Hz=	0.000008
bit=4	Freq, Hz=	0.000016
bit=5	Freq, Hz=	0.000032
bit=6	Freq, Hz=	0.000064
bit=7	Freq, Hz=	0.000128
bit=8	Freq, Hz=	0.000256
bit=9	Freq, Hz=	0.000512
bit=10	Freq, Hz=	0.001024
bit=11	Freq, Hz=	0.002048
bit=12	Freq, Hz=	0.004096
bit=13	Freq, Hz=	0.008192
bit=14	Freq, Hz=	0.016384
bit=15	Freq, Hz=	0.032768
bit=16	Freq, Hz=	0.065536
bit=17	Freq, Hz=	0.131072
bit=18	Freq, Hz=	0.262144
bit=19	Freq, Hz=	0.524288
bit=20	Freq, Hz=	1.048576
bit=21	Freq, Hz=	2.097152
bit=22	Freq, Hz=	4.194304
bit=23	Freq, Hz=	8.388608
bit=24	Freq, Hz=	16.777216
bit=25	Freq, Hz=	33.554432
bit=26	Freq, Hz=	67.108864

bit=27	Freq, Hz=	134.217728
bit=28	Freq, Hz=	268.435456
bit=29	Freq, Hz=	536.870912
bit=30	Freq, Hz=	1,073.741824
bit=31	Freq, Hz=	2,147.483648
bit=32	Freq, Hz=	4,294.967296
bit=33	Freq, Hz=	8,589.934592
bit=34	Freq, Hz=	17,179.869184
bit=35	Freq, Hz=	34,359.738368
bit=36	Freq, Hz=	68,719.476736
bit=37	Freq, Hz=	137,438.953472
bit=38	Freq, Hz=	274,877.906944
bit=39	Freq, Hz=	549,755.813888
bit=40	Freq, Hz=	1,099,511.627776
bit=41	Freq, Hz=	2,199,023.255552
bit=42	Freq, Hz=	4,398,046.511104
bit=43	Freq, Hz=	8,796,093.022208
bit=44	Freq, Hz=	17,592,186.044416
bit=45	Freq, Hz=	35,184,372.088832
bit=46	Freq, Hz=	70,368,744.177664
bit=47	Freq, Hz=	140,737,488.355328