



SCHEMATIC NOTES

1. RESISTANCE VALUES ARE IN OHMS: K=1,000, M=1,000,000.

2. CAPACITANCE VALUES ARE IN PICO FARADS: P=10⁻¹², N=10⁻⁹, U=10⁻⁶, M=10⁻³, K=10³, M=10⁶.

3. 1 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

4. 1/2 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

5. 1/4 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

6. 1/16 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

7. 1/32 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

8. 1/64 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

9. 1/128 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

10. 1/256 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

11. 1/512 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

12. 1/1024 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

13. 1/2048 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

14. 1/4096 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

15. 1/8192 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

16. 1/16384 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

17. 1/32768 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

18. 1/65536 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

19. 1/131072 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

20. 1/262144 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

21. 1/524288 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

22. 1/1048576 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

23. 1/2097152 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

24. 1/4194304 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

25. 1/8388608 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

26. 1/16777216 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

27. 1/33554432 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

28. 1/67108864 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

29. 1/134217728 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

30. 1/268435456 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

31. 1/536870912 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

32. 1/1073741824 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

33. 1/2147483648 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

34. 1/4294967296 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

35. 1/8589934592 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

36. 1/17179869184 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

37. 1/34359738368 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

38. 1/68719476736 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

39. 1/137438953472 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

40. 1/274877906944 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

41. 1/549755813888 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

42. 1/1099511627776 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

43. 1/2199023255552 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

44. 1/4398046511104 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

45. 1/8796093022208 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

46. 1/17592186044416 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

47. 1/35184372088832 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

48. 1/70368744177664 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

49. 1/140737488355328 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

50. 1/281474976710656 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

51. 1/562949953421312 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

52. 1/1125899906842624 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

53. 1/2251799813685248 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

54. 1/4503599627370496 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

55. 1/9007199254740992 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

56. 1/18014398509481984 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

57. 1/36028797018963968 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

58. 1/72057594037927936 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

59. 1/144115188075855872 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

60. 1/288230376151711744 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

61. 1/576460752303423488 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

62. 1/1152921504606846976 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

63. 1/2305843009213693952 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

64. 1/4611686018427387904 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

65. 1/9223372036854775808 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

66. 1/18446744073709551616 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

67. 1/36893488147419103232 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

68. 1/73786976294838206464 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

69. 1/147573952589676412928 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

70. 1/295147905179352825856 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

71. 1/590295810358705651712 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

72. 1/1180591620717411303424 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

73. 1/2361183241434822606848 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

74. 1/4722366482869645213696 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

75. 1/9444732965739290427392 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

76. 1/18889465931478580854784 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

77. 1/37778931862957161709568 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

78. 1/75557863725914323419136 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

79. 1/151115727451828646838272 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

80. 1/302231454903657293676544 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

81. 1/604462909807314587353088 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

82. 1/1208925819614629174706176 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

83. 1/2417851639229258349412352 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

84. 1/4835703278458516698824704 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

85. 1/9671406556917033397649408 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

86. 1/19342813113834066795298816 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

87. 1/38685626227668133590597632 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

88. 1/77371252455336267181195264 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

89. 1/154742504910672534362390528 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

90. 1/309485009821345068724781056 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

91. 1/618970019642690137449562112 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

92. 1/1237940039285380274899124224 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

93. 1/2475880078570760549798248448 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

94. 1/4951760157141521099596496896 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

95. 1/9903520314283042199192993792 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

96. 1/19807040628566084398385987584 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

97. 1/39614081257132168796771975168 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

98. 1/79228162514264337593543950336 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

99. 1/158456325028528675187087900672 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

100. 1/316912650057057350374175801344 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

101. 1/633825300114114700748351602688 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

102. 1/1267650600228229401496703205376 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

103. 1/2535301200456458802993406410752 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

104. 1/5070602400912917605986812821504 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

105. 1/10141204801825835211973625643008 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

106. 1/20282409603651670423947251286016 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

107. 1/40564819207303340847894502572032 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

108. 1/81129638414606681695789005144064 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

109. 1/162259276829213363391578010288128 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

110. 1/324518553658426726783156020576256 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

111. 1/649037107316853453566312041152512 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

112. 1/1298074214633706907132624082305024 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

113. 1/2596148429267413814265248164610048 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

114. 1/5192296858534827628530496329220096 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

115. 1/10384593717069655257060992658440192 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

116. 1/20769187434139310514121985316880384 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

117. 1/41538374868278621028243970633760768 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

118. 1/83076749736557242056487941267521536 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

119. 1/166153499473114484112975882535043072 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.

120. 1/332306998946228968225951765070086144 INDICATES FLAT MIN-CHIP COMPONENT, 1/8W EXCEPT WHERE INDICATED.