



IC Knowledge LLC, PO Box 20, Georgetown, MA 01833

Web site: www.icknowledge.com email: info@icknowledge.com

Tx: (978) 352 – 7610, Fx: (978) 352 – 3870

IC Knowledge - IC Cost and Price Model Supported Product List

As of the 2018 IC Cost and Price Model revision 03 the following products are included in the model.

1. ASIC - performance 1 - complexity 1
2. ASIC - performance 1 - complexity 2
3. ASIC - performance 1 - complexity 3
4. ASIC - performance 1 - complexity 4
5. ASIC - performance 1 - complexity 5
6. ASIC - performance 1 - complexity 6
7. ASIC - performance 2 - complexity 1
8. ASIC - performance 2 - complexity 2
9. ASIC - performance 2 - complexity 3
10. ASIC - performance 2 - complexity 4
11. ASIC - performance 2 - complexity 5
12. ASIC - performance 2 - complexity 6
13. ASIC - performance 2 - complexity 7
14. ASIC - performance 3 - complexity 1
15. ASIC - performance 3 - complexity 2
16. ASIC - performance 3 - complexity 3
17. ASIC - performance 3 - complexity 4
18. ASIC - performance 3 - complexity 5
19. ASIC - performance 3 - complexity 6
20. ASIC - performance 3 - complexity 7
21. CIS - 1Mpixel
22. CIS - 2Mpixel
23. CIS - 3Mpixel
24. CIS - 5Mpixel
25. CIS - 8Mpixel
26. CIS - 10Mpixel
27. CIS - 12Mpixel
28. CIS - 13Mpixel
29. CIS - 14Mpixel
30. CIS - 18Mpixel
31. CIS - 20Mpixel
32. DRAM - standard performance - 64Mb
33. DRAM - standard performance -128Mb
34. DRAM - SDRAM - 256Mb
35. DRAM - SDRAM- 512Mb

36. DRAM - DDRx - 256Mb
37. DRAM - DDRx - 512Mb
38. DRAM - DDRx - 1Gb
39. DRAM - DDRx - 2Gb
40. DRAM - DDRx - 4Gb
41. DRAM - DDRx - 8Gb
42. DSP - 8bit
43. DSP - 16bit
44. DSP - 32bit - 1 core
45. DSP - 32bit - 2 core
46. DSP - 32bit - 4 core
47. DSP - 32bit - 6 core
48. DSP - 32bit - 8 core
49. Embedded - 64bit - 1 core - 0Kb Flash
50. Embedded - 64bit - 1 core - 512Kb Flash
51. Embedded - 64bit - 2 core - 0Kb Flash
52. Embedded - 64bit - 2 core - 512Kb Flash
53. Embedded - 64bit - 2 core - 1Mb Flash
54. Embedded - 64bit - 2 core - 2Mb Flash
55. Embedded - 64bit - 3 core - 0Kb Flash
56. Embedded - 64bit - 3 core - 512Kb Flash
57. Embedded - 64bit - 4 core - 0Kb Flash
58. Embedded - 64bit - 4 core - 512Kb Flash
59. Embedded - 64bit - 4 core - 1Mb Flash
60. Embedded - 64bit - 4 core - 2Mb Flash
61. Embedded - 64bit - 6 core - 0Mb Flash
62. Embedded - 64bit - 6 core - 2Mb Flash
63. Embedded - 64bit - 10 core - 0Mb Flash
64. Embedded - 64bit - 10 core - 2Mb Flash
65. Embedded - 64bit - 16 core - 0Mb Flash
66. Embedded - 64bit - 16 core - 4Mb Flash
67. Embedded - 64bit - 24 core - 0Mb Flash
68. Embedded - 64bit - 24 core - 4Mb Flash
69. Embedded - 64bit - 24 core - 16Mb Flash
70. Embedded - 64bit - 32 core - 0Mb Flash
71. Embedded - 64bit - 32 core - 4Mb Flash
72. Embedded - 64bit - 32 core - 16Mb Flash
73. Embedded - 64bit - 48 core - 0Mb Flash
74. Embedded - 64bit - 48 core - 16Mb Flash
75. Flash - NAND - 512Mb
76. Flash - NAND - 1Gb
77. Flash - NAND - 2Gb
78. Flash - NAND - 4Gb
79. Flash - NAND - 8Gb
80. Flash - NAND - 16Gb
81. Flash - NAND - 32Gb
82. Flash - NAND - 64Gb
83. Flash - NAND - 128Gb

84. Flash - NAND - 256Gb
85. Flash - NAND - 512Gb
86. Flash - NAND - 1024Gb
87. Flash - NAND - 2048Gb
88. Flash - NOR - 16Mb
89. Flash - NOR - 32Mb
90. Flash - NOR - 64Mb
91. Flash - NOR - 128Mb
92. Flash - NOR - 256Mb
93. Flash - NOR - 512Mb
94. Flash - NOR - 1Gb
95. Flash - NOR - 2Gb
96. Microcontroller - 8 bits - 1 core - 0 Flash
97. Microcontroller - 8 bits - 1 core - =<256K Flash
98. Microcontroller - 16 bits - 1 core - 0 Flash
99. Microcontroller - 16 bits - 1 core - =<1Mb Flash
100. Microcontroller - 32 bits - 1 core - 0 Flash
101. Microcontroller - 32 bits - 1 core - =<1Mb Flash
102. Microcontroller - 32 bits - 1 core - 2Mb Flash
103. Microcontroller - 32 bits - 1 core - 4Mb Flash
104. Microcontroller - 32 bits - 2 core - =<1Mb Flash
105. Microcontroller - 32 bits - 2 core - 2Mb Flash
106. Microcontroller - 32 bits - 2 core - 4Mb Flash
107. Microcontroller - 32 bits - 2 core - 6Mb Flash
108. Microcontroller - 32 bits - 3 core - =<1Mb Flash
109. Microcontroller - 32 bits - 3 core - 2Mb Flash
110. Microcontroller - 32 bits - 3 core - 4Mb Flash
111. Microcontroller - 32 bits - 3 core - 6Mb Flash
112. Microcontroller - 32 bits - 4 core - =<1Mb Flash
113. Microcontroller - 32 bits - 4 core - 2Mb Flash
114. Microcontroller - 32 bits - 4 core - 4Mb Flash
115. Microcontroller - 32 bits - 4 core - 6Mb Flash
116. Microcontroller - 32 bits - 4 core - 8Mb Flash
117. Microcontroller - 32 bits - 5 core - =<1Mb Flash
118. Microcontroller - 32 bits - 5 core - 2Mb Flash
119. Microcontroller - 32 bits - 5 core - 4Mb Flash
120. Microcontroller - 32 bits - 5 core - 6Mb Flash
121. Microcontroller - 32 bits - 5 core - 8Mb Flash
122. Microcontroller - 32 bits - 5 core - 16Mb Flash
123. Microprocessor - 1 core
124. Microprocessor - 2 core
125. Microprocessor - 4 core
126. Microprocessor - 6 core
127. Microprocessor - 8 core
128. Microprocessor - 10 core
129. Microprocessor - 12 core
130. Microprocessor - 14 core
131. Microprocessor - 16 core

- 132. Microprocessor - 18 core
- 133. Microprocessor - 20 core
- 134. Microprocessor - 22 core
- 135. Microprocessor - 24 core
- 136. Microprocessor - 26 core
- 137. Mixed Signal - very simple
- 138. Mixed Signal - simple
- 139. Mixed Signal - medium
- 140. Mixed Signal - complex
- 141. RF - very simple
- 142. RF - simple
- 143. RF - medium
- 144. RF - complex
- 145. SRAM - 2Mb
- 146. SRAM - 4Mb
- 147. SRAM - 8Mb
- 148. SRAM - 9Mb
- 149. SRAM - 16Mb
- 150. SRAM - 18Mb
- 151. SRAM - 32Mb
- 152. SRAM - 64Mb