



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

Web site: [www.icknowledge.com](http://www.icknowledge.com) email: [info@icknowledge.com](mailto: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 02 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. DSP - 8bit
42. DSP - 16bit
43. DSP - 32bit - 1 core
44. DSP - 32bit - 2 core
45. DSP - 32bit - 4 core
46. DSP - 32bit - 6 core
47. DSP - 32bit - 8 core
48. Embedded - 64bit - 1 core - 0Kb Flash
49. Embedded - 64bit - 1 core - 512Kb Flash
50. Embedded - 64bit - 2 core - 0Kb Flash
51. Embedded - 64bit - 2 core - 512Kb Flash
52. Embedded - 64bit - 2 core - 1Mb Flash
53. Embedded - 64bit - 2 core - 2Mb Flash
54. Embedded - 64bit - 3 core - 0Kb Flash
55. Embedded - 64bit - 3 core - 512Kb Flash
56. Embedded - 64bit - 4 core - 0Kb Flash
57. Embedded - 64bit - 4 core - 512Kb Flash
58. Embedded - 64bit - 4 core - 1Mb Flash
59. Embedded - 64bit - 4 core - 2Mb Flash
60. Embedded - 64bit - 6 core - 0Mb Flash
61. Embedded - 64bit - 6 core - 2Mb Flash
62. Embedded - 64bit - 10 core - 0Mb Flash
63. Embedded - 64bit - 10 core - 2Mb Flash
64. Embedded - 64bit - 16 core - 0Mb Flash
65. Embedded - 64bit - 16 core - 4Mb Flash
66. Embedded - 64bit - 24 core - 0Mb Flash
67. Embedded - 64bit - 24 core - 4Mb Flash
68. Embedded - 64bit - 24 core - 16Mb Flash
69. Embedded - 64bit - 32 core - 0Mb Flash
70. Embedded - 64bit - 32 core - 4Mb Flash
71. Embedded - 64bit - 32 core - 16Mb Flash
72. Embedded - 64bit - 48 core - 0Mb Flash
73. Embedded - 64bit - 48 core - 16Mb Flash
74. Flash - NAND - 512Mb
75. Flash - NAND - 1Gb
76. Flash - NAND - 2Gb
77. Flash - NAND - 4Gb
78. Flash - NAND - 8Gb
79. Flash - NAND - 16Gb
80. Flash - NAND - 32Gb
81. Flash - NAND - 64Gb
82. Flash - NAND - 128Gb
83. Flash - NOR - 16Mb

84. Flash - NOR - 32Mb
85. Flash - NOR - 64Mb
86. Flash - NOR - 128Mb
87. Flash - NOR - 256Mb
88. Flash - NOR - 512Mb
89. Flash - NOR - 1Gb
90. Flash - NOR - 2Gb
91. Microcontroller - 8 bits - 1 core - 0 Flash
92. Microcontroller - 8 bits - 1 core - =<256K Flash
93. Microcontroller - 16 bits - 1 core - 0 Flash
94. Microcontroller - 16 bits - 1 core - =<1Mb Flash
95. Microcontroller - 32 bits - 1 core - 0 Flash
96. Microcontroller - 32 bits - 1 core - =<1Mb Flash
97. Microcontroller - 32 bits - 1 core - 2Mb Flash
98. Microcontroller - 32 bits - 1 core - 4Mb Flash
99. Microcontroller - 32 bits - 2 core - =<1Mb Flash
100. Microcontroller - 32 bits - 2 core - 2Mb Flash
101. Microcontroller - 32 bits - 2 core - 4Mb Flash
102. Microcontroller - 32 bits - 2 core - 6Mb Flash
103. Microcontroller - 32 bits - 3 core - =<1Mb Flash
104. Microcontroller - 32 bits - 3 core - 2Mb Flash
105. Microcontroller - 32 bits - 3 core - 4Mb Flash
106. Microcontroller - 32 bits - 3 core - 6Mb Flash
107. Microcontroller - 32 bits - 4 core - =<1Mb Flash
108. Microcontroller - 32 bits - 4 core - 2Mb Flash
109. Microcontroller - 32 bits - 4 core - 4Mb Flash
110. Microcontroller - 32 bits - 4 core - 6Mb Flash
111. Microcontroller - 32 bits - 4 core - 8Mb Flash
112. Microcontroller - 32 bits - 5 core - =<1Mb Flash
113. Microcontroller - 32 bits - 5 core - 2Mb Flash
114. Microcontroller - 32 bits - 5 core - 4Mb Flash
115. Microcontroller - 32 bits - 5 core - 6Mb Flash
116. Microcontroller - 32 bits - 5 core - 8Mb Flash
117. Microcontroller - 32 bits - 5 core - 16Mb Flash
118. Microprocessor - 1 core
119. Microprocessor - 2 core
120. Microprocessor - 4 core
121. Microprocessor - 6 core
122. Microprocessor - 8 core
123. Microprocessor - 10 core
124. Microprocessor - 12 core
125. Microprocessor - 14 core
126. Microprocessor - 16 core
127. Microprocessor - 18 core
128. Mixed Signal - very simple
129. Mixed Signal - simple
130. Mixed Signal - medium
131. Mixed Signal - complex

132. RF - very simple
133. RF - simple
134. RF - medium
135. RF - complex
136. SRAM - 2Mb
137. SRAM - 4Mb
138. SRAM - 8Mb
139. SRAM - 9Mb
140. SRAM - 16Mb
141. SRAM - 18Mb
142. SRAM - 32Mb
143. SRAM - 64MbRF - very simple
144. RF - simple
145. RF - medium
146. RF - complex
147. SRAM - 2Mb
148. SRAM - 4Mb
149. SRAM - 8Mb
150. SRAM - 9Mb
151. SRAM - 16Mb
152. SRAM - 18Mb
153. SRAM - 32Mb
154. SRAM - 64Mb