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## IC Knowledge - IC Cost and Price Model Supported Product List

As of the 2020 IC Cost and Price Model revision 04 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. ASIC - performance 3 - complexity 8
22. CIS - 1Mpixel
23. CIS - 2Mpixel
24. CIS - 3Mpixel
25. CIS - 5Mpixel
26. CIS - 8Mpixel
27. CIS - 10Mpixel
28. CIS - 12Mpixel
29. CIS - 13Mpixel
30. CIS - 14Mpixel
31. CIS - 18Mpixel
32. CIS - 20Mpixel
33. DRAM - standard performance - 64Mb
34. DRAM - standard performance -128Mb
35. DRAM - SDRAM - 256Mb

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

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

132. Microcontroller - 32 bits - 8 core - 8Mb Flash
133. Microcontroller - 32 bits - 8 core - 16Mb Flash
134. Microcontroller - 32 bits - 10 core - 2Mb Flash
135. Microcontroller - 32 bits - 10 core - 4Mb Flash
136. Microcontroller - 32 bits - 10 core - 6Mb Flash
137. Microcontroller - 32 bits - 10 core - 8Mb Flash
138. Microcontroller - 32 bits - 10 core - 16Mb Flash
139. Microprocessor - 1 core
140. Microprocessor - 2 core
141. Microprocessor - 4 core
142. Microprocessor - 6 core
143. Microprocessor - 8 core
144. Microprocessor - 10 core
145. Microprocessor - 12 core
146. Microprocessor - 14 core
147. Microprocessor - 16 core
148. Microprocessor - 18 core
149. Microprocessor - 20 core
150. Microprocessor - 22 core
151. Microprocessor - 24 core
152. Microprocessor - 26 core
153. Mixed Signal - very simple
154. Mixed Signal - simple
155. Mixed Signal - medium
156. Mixed Signal - complex
157. RF - very simple
158. RF - simple
159. RF - medium
160. RF - complex
161. SRAM - 2Mb
162. SRAM - 4Mb
163. SRAM - 8Mb
164. SRAM - 9Mb
165. SRAM - 16Mb
166. SRAM - 18Mb
167. SRAM - 32Mb
168. SRAM - 64Mb