1 List of Blocks added to the core folder

1. CLSS_f
2. GAINBLOCK_f
3. Inductor
4. SineVoltage
5. CLR_f
6. Gen_SQR
7. BOUNCE
8. Gen_Si,
9. CScope
10. Clock
11. SampleClock
12. Rand_m
13. Matcatv
14. Matcath
15. Const_m
16. Gainblk
17. BOUNCEXY
18. IFTHEL_f
19. VanneReglante
20. Summation
21. SourceP
22. Bache
23. PerteDP
24. MatEig
25. Rootcoef
26. Extract
27. Integral_m
28. Sci_func
29. Matinv
30. SATURATION
31. Mux
32. AUTOMAT
33. TCLSS
34. DLSS
35. DLR
36. DOLLAR
37. DOLLAR_m
38. DOLLAR_f
39. Dlradapt_f
40. Samphold_m
41. Register
42. Switch
43. Resistor
44. Step_function
45. Ground
46. BIGSOM_f
47. generic_block
48. C_block
49. Fortran_block
50. Debug
51. Expression
52. CBLOCK4
53. CBLOCK
54. MBLOCK
55. BPLATFORM
56. CLKINV_f
57. TIME_f
58. RAMP
59. Const_f
60. CONST
61. PULSE_SC
62. Sigbuilder
63. Modulo_count
64. Counter
65. TkScale
66. FROMWSB
67. READAU_f
68. READC_f
69. RFILE_f
70. INIMPL_f
71. Backlash
72. Deadband
73. DELAYV_f
74. SELECT_f
75. MFCLICK_f
76. HALT_f
77. IN_f
78. DIFF_f
79. GENERAL_f
80. ZCROSS_f
81. End_c
82. Endblk
83. HYSTERESIS
84. RATELIMITER
85. SATURATION
86. M_freq
87. CLK GOTO
88. CLKOUTV_f
89. Extract_Activation
90. ANDBLK
91. Virtualclk0
92. EVTGEN_f
93. EVTVARDLY
94. ANDLOG_f
95. INTRPBLK
96. INTRP2BLK
97. CLKOUTV_f
98. Edge_trigger
99. CLKFROM
100. MCLOCK_f
101. AFFICH_m
102. BARXY
103. CMSCOPE
104. CSCOPXY3D
105. WRITEAU_f
106. CANIMXY
107. CMAT3D
108. CANIMXY3D
109. CSCOPXY
110. CMATVIEW
111. TRAS_f
112. TOWS_c
113. OUTIMPL_f
114. OUT_f
115. Evtdly_c
116. DEMUX
117. DEMUX_f
118. Extractor
119. ISELECT_m
120. MUX_f
121. M_SWITCH
122. FROM
123. FROMMO
124. NRMSOM_f
125. RELAY_f

126. SELECT_m
127. Switch_f
128. MATMAGPHI
129. TrigFun
130. Expblk_m
131. Powblk_m,
132. Relationalop,
133. SQRT,
134. MAXMIN,
135. SIGNUM
136. ABS_VALUE
137. INVBLK
138. TANBLK_f
139. LOGBLK_f
140. MATZREIM
141. CCS
142. CVS
143. Capacitor
144. OpAmp
145. VsourceAC
146. VVsourceAC
147. PMOS
148. NMOS
149. SHIFT
150. SUBMAT
151. CONVERT
152. RICC
153. INTMUL
154. MATEXPM
155. MATLU
156. MATDET
157. MATDIAG
158. MATZCONJ
159. MATBKSL
160. EXTTRI
161. BITSET
162. BITCLEAR
163. MATPINV
164. MATSING
165. MATRESH
166. DLATCH
167. NPN
168. PNP
169. DERIV
170. Voltagesensor
171. Currentsensor
172. CURV_F
173. SUM_f
174. CLOCK_f
175. NEGTOPOS_f
176. POSTONEG_f
177. CONSTRAINT2_c
178. GotoTagVisibility
179. GotoTagVisibilityMO
180. VariableResistor
181. SCALAR2VECTOR
182. CLKGotoTagVisiblity
183. CEVENTSCOPE
184. IdealTransformer
185. PotentialSensor
186. ConstantVoltage
187. EXTRACTBITS

2 Special Cases

Some of the Blocks have inconsistent schema and data is stored in different sub-blocks within the main Basic Block.

1. Delay_f
2. SRFLIPFLOP
3. JKFLIPFLOP
4. LOGICAL_op
5. TextBlock
6. SELF_SWITCH