

```
1 {  
2     "version": "1.0",  
3     "project": {  
4         "code": "11111",  
5         "type": "parameter",  
6         "dimension": "",  
7         "possibleCause": "",  
8         "guidelines": ""  
9     },  
10    "elements": {  
11        "input-signal-1": {  
12            "id": "input-signal-1",  
13            "type": "input-signal",  
14            "x": 24,  
15            "y": 143,  
16            "width": 194,  
17            "height": 50,  
18            "props": {  
19                "name": "Сигнал 1",  
20                "signalType": "undefined"  
21            }  
22        },  
23        "input-signal-2": {  
24            "id": "input-signal-2",  
25            "type": "input-signal",  
26            "x": 19,  
27            "y": 229,  
28            "width": 223,  
29            "height": 50,  
30            "props": {  
31                "name": "Сигнал 2",  
32                "signalType": "undefined"  
33            }  
34        },  
35        "input-signal-3": {  
36            "id": "input-signal-3",  
37            "type": "input-signal",  
38            "x": 20,  
39            "y": 318,  
40            "width": 242,  
41            "height": 50,  
42            "props": {  
43                "name": "Сигнал 3",  
44                "signalType": "undefined"  
45            }  
46        },  
47        "if-4": {  
48            "id": "if-4",  
49            "type": "if",  
50            "x": 569,  
51            "y": 126,  
52            "width": 120,  
53            "height": 80,  
54            "props": {  
55                "operator": ">"  
56            }  
57        },  
58        "const-5": {  
59            "id": "const-5",  
60            "type": "const",  
61            "x": 107,  
62            "y": 437,  
63            "width": 120,  
64            "height": 60,  
65            "props": {
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66         "value": 30
67     }
68 },
69 "if-6": {
70     "id": "if-6",
71     "type": "if",
72     "x": 556,
73     "y": 278,
74     "width": 120,
75     "height": 80,
76     "props": {
77         "operator": ">"
78     }
79 },
80 "if-7": {
81     "id": "if-7",
82     "type": "if",
83     "x": 562,
84     "y": 424,
85     "width": 120,
86     "height": 80,
87     "props": {
88         "operator": ">"
89     }
90 },
91 "and-8": {
92     "id": "and-8",
93     "type": "and",
94     "x": 904,
95     "y": 240,
96     "width": 120,
97     "height": 124,
98     "props": {
99         "inputCount": 3
100    }
101 },
102 "separator-9": {
103     "id": "separator-9",
104     "type": "separator",
105     "x": 1145,
106     "y": 266,
107     "width": 120,
108     "height": 80,
109     "props": {}
110 },
111 "formula-10": {
112     "id": "formula-10",
113     "type": "formula",
114     "x": 1462,
115     "y": 369,
116     "width": 140,
117     "height": 117,
118     "props": {
119         "expression": "Сигнал 1+Сигнал 2+Сигнал 3",
120         "inputCount": 3
121     }
122 },
123 "const-12": {
124     "id": "const-12",
125     "type": "const",
126     "x": 1460,
127     "y": 591,
128     "width": 120,
129     "height": 60,
130     "props": {
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131         "value": 0
132     }
133 },
134     "output-13": {
135         "id": "output-13",
136         "type": "output",
137         "x": 1682,
138         "y": 488,
139         "width": 150,
140         "height": 60,
141         "props": {
142             "label": "Выход",
143             "outputGroup": ""
144         }
145     }
146 },
147     "connections": [
148     {
149         "fromElement": "input-signal-1",
150         "fromPort": "out-0",
151         "toElement": "if-4",
152         "toPort": "in-0",
153         "signalType": "numeric"
154     },
155     {
156         "fromElement": "const-5",
157         "fromPort": "out-0",
158         "toElement": "if-4",
159         "toPort": "in-1",
160         "signalType": "numeric"
161     },
162     {
163         "fromElement": "input-signal-2",
164         "fromPort": "out-0",
165         "toElement": "if-6",
166         "toPort": "in-0",
167         "signalType": "numeric"
168     },
169     {
170         "fromElement": "input-signal-3",
171         "fromPort": "out-0",
172         "toElement": "if-7",
173         "toPort": "in-0",
174         "signalType": "numeric"
175     },
176     {
177         "fromElement": "const-5",
178         "fromPort": "out-0",
179         "toElement": "if-6",
180         "toPort": "in-1",
181         "signalType": "numeric"
182     },
183     {
184         "fromElement": "const-5",
185         "fromPort": "out-0",
186         "toElement": "if-7",
187         "toPort": "in-1",
188         "signalType": "numeric"
189     },
190     {
191         "fromElement": "if-4",
192         "fromPort": "out-0",
193         "toElement": "and-8",
194         "toPort": "in-0",
195         "signalType": "logic"
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196     },
197     {
198         "fromElement": "if-6",
199         "fromPort": "out-0",
200         "toElement": "and-8",
201         "toPort": "in-1",
202         "signalType": "logic"
203     },
204     {
205         "fromElement": "if-7",
206         "fromPort": "out-0",
207         "toElement": "and-8",
208         "toPort": "in-2",
209         "signalType": "logic"
210     },
211     {
212         "fromElement": "and-8",
213         "fromPort": "out-0",
214         "toElement": "separator-9",
215         "toPort": "in-0",
216         "signalType": "logic"
217     },
218     {
219         "fromElement": "input-signal-1",
220         "fromPort": "out-0",
221         "toElement": "formula-10",
222         "toPort": "in-0",
223         "signalType": "numeric"
224     },
225     {
226         "fromElement": "input-signal-2",
227         "fromPort": "out-0",
228         "toElement": "formula-10",
229         "toPort": "in-1",
230         "signalType": "numeric"
231     },
232     {
233         "fromElement": "input-signal-3",
234         "fromPort": "out-0",
235         "toElement": "formula-10",
236         "toPort": "in-2",
237         "signalType": "numeric"
238     },
239     {
240         "fromElement": "separator-9",
241         "fromPort": "out-0",
242         "toElement": "formula-10",
243         "toPort": "cond-0",
244         "signalType": "true"
245     },
246     {
247         "fromElement": "separator-9",
248         "fromPort": "out-1",
249         "toElement": "const-12",
250         "toPort": "cond-0",
251         "signalType": "false"
252     },
253     {
254         "fromElement": "formula-10",
255         "fromPort": "out-0",
256         "toElement": "output-13",
257         "toPort": "in-0",
258         "signalType": "numeric"
259     },
260     {
```

```
261     "fromElement": "const-12",
262     "fromPort": "out-0",
263     "toElement": "output-13",
264     "toPort": "in-0",
265     "signalType": "numeric"
266   }
267 ],
268   "counter": 13,
269   "viewport": {
270     "zoom": 1,
271     "panX": -116,
272     "panY": -58
273   }
274 }
275 код:
276 WHEN(((Сигнал 1 > 30 AND Сигнал 2 > 30) AND Сигнал 3 > 30), Сигнал 1+Сигнал 2+Сигнал 3,
277 0)
```