

```
1 {  
2   "version": "1.0",  
3   "project": {  
4     "code": "sss",  
5     "type": "parameter",  
6     "dimension": "",  
7     "possibleCause": "",  
8     "guidelines": ""  
9   },  
10  "elements": {  
11    "input-signal-5": {  
12      "id": "input-signal-5",  
13      "type": "input-signal",  
14      "x": 1004.647186147186,  
15      "y": 1400.4866522366522,  
16      "width": 351.1111111111111,  
17      "height": 50,  
18      "props": {  
19        "name": "10LBA22CT001A§XQ01",  
20        "signalType": "undefined"  
21      }  
22    },  
23    "input-signal-6": {  
24      "id": "input-signal-6",  
25      "type": "input-signal",  
26      "x": 1001.3138528138527,  
27      "y": 1245.4866522366524,  
28      "width": 352.2222222222222,  
29      "height": 50,  
30      "props": {  
31        "name": "10LBA21CT001A§XQ01",  
32        "signalType": "undefined"  
33      }  
34    },  
35    "input-signal-7": {  
36      "id": "input-signal-7",  
37      "type": "input-signal",  
38      "x": 23.536075036075147,  
39      "y": 254.93109668109668,  
40      "width": 355.55555555555554,  
41      "height": 50,  
42      "props": {  
43        "name": "10LBA22CT001A§XM20",  
44        "signalType": "undefined"  
45      }  
46    },  
47    "input-signal-9": {  
48      "id": "input-signal-9",  
49      "type": "input-signal",  
50      "x": 28.536075036075147,  
51      "y": 352.1533189033189,  
52      "width": 360,  
53      "height": 50,  
54      "props": {  
55        "name": "10LBA21CT001A§XM20",  
56        "signalType": "undefined"  
57      }  
58    },  
59    "input-signal-28": {  
60      "id": "input-signal-28",  
61      "type": "input-signal",  
62      "x": 1010.2979797979797,  
63      "y": 1555.2207792207787,  
64      "width": 368.3333333333333,  
65      "height": 50,  
66    }  
67  }  
68 }
```

```
66     "props": {
67         "name": "10MAA50CP001$XQ01",
68         "signalType": "undefined"
69     }
70 },
71     "input-signal-29": {
72         "id": "input-signal-29",
73         "type": "input-signal",
74         "x": 15.297979797979991,
75         "y": 160.2207792207792,
76         "width": 403.3333333333326,
77         "height": 50,
78         "props": {
79             "name": "10MAA50CP001$XM20",
80             "signalType": "undefined"
81         }
82 },
83     "if-48": {
84         "id": "if-48",
85         "type": "if",
86         "x": 671.9646464646465,
87         "y": 371.8874458874459,
88         "width": 120,
89         "height": 80,
90         "props": {
91             "operator": "="
92         }
93 },
94     "const-49": {
95         "id": "const-49",
96         "type": "const",
97         "x": 188.6313131313133,
98         "y": 438.5541125541125,
99         "width": 120,
100        "height": 60,
101        "props": {
102            "value": 0
103        }
104 },
105     "if-50": {
106         "id": "if-50",
107         "type": "if",
108         "x": 671.9646464646465,
109         "y": 238.55411255411258,
110         "width": 120,
111         "height": 80,
112         "props": {
113             "operator": "="
114         }
115 },
116     "if-51": {
117         "id": "if-51",
118         "type": "if",
119         "x": 674.5836940836944,
120         "y": 106.88744588744586,
121         "width": 120,
122         "height": 80,
123         "props": {
124             "operator": "="
125         }
126 },
127     "const-57": {
128         "id": "const-57",
129         "type": "const",
130         "x": 2271.4884559884563,
```

```
131     "y": 568.3160173160173,
132     "width": 120,
133     "height": 60,
134     "props": {
135         "value": 0
136     }
137 },
138 "const-58": {
139     "id": "const-58",
140     "type": "const",
141     "x": 1296.7265512265512,
142     "y": 126.88744588744603,
143     "width": 120,
144     "height": 60,
145     "props": {
146         "value": 0
147     }
148 },
149 "output-59": {
150     "id": "output-59",
151     "type": "output",
152     "x": 2568.3932178932178,
153     "y": 605.9350649350648,
154     "width": 150,
155     "height": 60,
156     "props": {
157         "label": "Выход",
158         "outputGroup": ""
159     }
160 },
161 "formula-62": {
162     "id": "formula-62",
163     "type": "formula",
164     "x": 1822.2027417027416,
165     "y": 1013.0779220779218,
166     "width": 140,
167     "height": 108,
168     "props": {
169         "expression": "(10LBA21CT001A$XQ01+10LBA22CT001A$XQ01)/2",
170         "inputCount": 2
171     }
172 },
173 "output-71": {
174     "id": "output-71",
175     "type": "output",
176     "x": 1603.6313131313123,
177     "y": 157.79220779220836,
178     "width": 150,
179     "height": 60,
180     "props": {
181         "label": "Выход",
182         "outputGroup": ""
183     }
184 },
185 "output-72": {
186     "id": "output-72",
187     "type": "output",
188     "x": 2834.5836940836925,
189     "y": 1220.411255411256,
190     "width": 150,
191     "height": 60,
192     "props": {
193         "label": "Выход",
194         "outputGroup": ""
195 }
```

```
196 },
197     "formula-76": {
198         "id": "formula-76",
199         "type": "formula",
200         "x": 2383.8694083694077,
201         "y": 1143.1493506493512,
202         "width": 140,
203         "height": 108,
204         "props": {
205             "expression": "formula-62+10MAA50CP001$XQ01",
206             "inputCount": 2
207         }
208     },
209     "separator-77": {
210         "id": "separator-77",
211         "type": "separator",
212         "x": 951.0122655122649,
213         "y": 106.00649350649411,
214         "width": 120,
215         "height": 80,
216         "props": {}
217     },
218     "and-78": {
219         "id": "and-78",
220         "type": "and",
221         "x": 1156.7265512265506,
222         "y": 300.2922077922084,
223         "width": 120,
224         "height": 80,
225         "props": {
226             "inputCount": 2
227         }
228     },
229     "separator-79": {
230         "id": "separator-79",
231         "type": "separator",
232         "x": 1381.012265512265,
233         "y": 303.1493506493512,
234         "width": 120,
235         "height": 80,
236         "props": {}
237     },
238     "separator-80": {
239         "id": "separator-80",
240         "type": "separator",
241         "x": 1503.869408369408,
242         "y": 458.86363636363694,
243         "width": 120,
244         "height": 80,
245         "props": {}
246     },
247     "formula-81": {
248         "id": "formula-81",
249         "type": "formula",
250         "x": 2392.4408369408366,
251         "y": 974.5779220779225,
252         "width": 140,
253         "height": 108,
254         "props": {
255             "expression": "10LBA22CT001A$XQ01+10MAA50CP001$XQ01",
256             "inputCount": 2
257         }
258     },
259     "separator-82": {
260         "id": "separator-82",
```

```
261     "type": "separator",
262     "x": 1788.155122655122,
263     "y": 603.1493506493512,
264     "width": 120,
265     "height": 80,
266     "props": {}
267   },
268   "formula-83": {
269     "id": "formula-83",
270     "type": "formula",
271     "x": 2141.012265512265,
272     "y": 777.4350649350655,
273     "width": 140,
274     "height": 108,
275     "props": {
276       "expression": "10LBA21CT001A$XQ01+10MAA50CP001$XQ01",
277       "inputCount": 2
278     }
279   },
280   "output-84": {
281     "id": "output-84",
282     "type": "output",
283     "x": 2507.440836940836,
284     "y": 850.2922077922084,
285     "width": 150,
286     "height": 60,
287     "props": {
288       "label": "Выход",
289       "outputGroup": ""
290     }
291   },
292   "output-85": {
293     "id": "output-85",
294     "type": "output",
295     "x": 2712.7384559884545,
296     "y": 1038.006493506494,
297     "width": 150,
298     "height": 60,
299     "props": {
300       "label": "Выход",
301       "outputGroup": ""
302     }
303   }
304 },
305 "connections": [
306   {
307     "fromElement": "const-49",
308     "fromPort": "out-0",
309     "toElement": "if-48",
310     "toPort": "in-1",
311     "signalType": "numeric"
312   },
313   {
314     "fromElement": "input-signal-9",
315     "fromPort": "out-0",
316     "toElement": "if-48",
317     "toPort": "in-0",
318     "signalType": "numeric"
319   },
320   {
321     "fromElement": "const-49",
322     "fromPort": "out-0",
323     "toElement": "if-50",
324     "toPort": "in-1",
325     "signalType": "numeric"
```

```
326     },
327     {
328         "fromElement": "input-signal-7",
329         "fromPort": "out-0",
330         "toElement": "if-50",
331         "toPort": "in-0",
332         "signalType": "numeric"
333     },
334     {
335         "fromElement": "input-signal-29",
336         "fromPort": "out-0",
337         "toElement": "if-51",
338         "toPort": "in-0",
339         "signalType": "numeric"
340     },
341     {
342         "fromElement": "const-57",
343         "fromPort": "out-0",
344         "toElement": "output-59",
345         "toPort": "in-0",
346         "signalType": "numeric"
347     },
348     {
349         "fromElement": "const-49",
350         "fromPort": "out-0",
351         "toElement": "if-51",
352         "toPort": "in-1",
353         "signalType": "numeric"
354     },
355     {
356         "fromElement": "input-signal-6",
357         "fromPort": "out-0",
358         "toElement": "formula-62",
359         "toPort": "in-0",
360         "signalType": "numeric"
361     },
362     {
363         "fromElement": "input-signal-5",
364         "fromPort": "out-0",
365         "toElement": "formula-62",
366         "toPort": "in-1",
367         "signalType": "numeric"
368     },
369     {
370         "fromElement": "const-58",
371         "fromPort": "out-0",
372         "toElement": "output-71",
373         "toPort": "in-0",
374         "signalType": "numeric"
375     },
376     {
377         "fromElement": "formula-62",
378         "fromPort": "out-0",
379         "toElement": "formula-76",
380         "toPort": "in-0",
381         "signalType": "numeric"
382     },
383     {
384         "fromElement": "input-signal-28",
385         "fromPort": "out-0",
386         "toElement": "formula-76",
387         "toPort": "in-1",
388         "signalType": "numeric"
389     },
390     {
```

```
391     "fromElement": "formula-76",
392     "fromPort": "out-0",
393     "toElement": "output-72",
394     "toPort": "in-0",
395     "signalType": "numeric"
396   },
397   {
398     "fromElement": "if-51",
399     "fromPort": "out-0",
400     "toElement": "separator-77",
401     "toPort": "in-0",
402     "signalType": "logic"
403   },
404   {
405     "fromElement": "separator-77",
406     "fromPort": "out-1",
407     "toElement": "const-58",
408     "toPort": "cond-0",
409     "signalType": "false"
410   },
411   {
412     "fromElement": "if-50",
413     "fromPort": "out-0",
414     "toElement": "and-78",
415     "toPort": "in-0",
416     "signalType": "logic"
417   },
418   {
419     "fromElement": "if-48",
420     "fromPort": "out-0",
421     "toElement": "and-78",
422     "toPort": "in-1",
423     "signalType": "logic"
424   },
425   {
426     "fromElement": "separator-77",
427     "fromPort": "out-0",
428     "toElement": "and-78",
429     "toPort": "cond-0",
430     "signalType": "true"
431   },
432   {
433     "fromElement": "and-78",
434     "fromPort": "out-0",
435     "toElement": "separator-79",
436     "toPort": "in-0",
437     "signalType": "logic"
438   },
439   {
440     "fromElement": "separator-79",
441     "fromPort": "out-0",
442     "toElement": "formula-62",
443     "toPort": "cond-0",
444     "signalType": "true"
445   },
446   {
447     "fromElement": "separator-79",
448     "fromPort": "out-1",
449     "toElement": "separator-80",
450     "toPort": "cond-0",
451     "signalType": "false"
452   },
453   {
454     "fromElement": "if-50",
455     "fromPort": "out-0",
```

```
456     "toElement": "separator-80",
457     "toPort": "in-0",
458     "signalType": "logic"
459   },
460   {
461     "fromElement": "separator-80",
462     "fromPort": "out-0",
463     "toElement": "formula-81",
464     "toPort": "cond-0",
465     "signalType": "true"
466   },
467   {
468     "fromElement": "input-signal-5",
469     "fromPort": "out-0",
470     "toElement": "formula-81",
471     "toPort": "in-1",
472     "signalType": "numeric"
473   },
474   {
475     "fromElement": "input-signal-28",
476     "fromPort": "out-0",
477     "toElement": "formula-81",
478     "toPort": "in-0",
479     "signalType": "numeric"
480   },
481   {
482     "fromElement": "separator-80",
483     "fromPort": "out-1",
484     "toElement": "separator-82",
485     "toPort": "cond-0",
486     "signalType": "false"
487   },
488   {
489     "fromElement": "if-48",
490     "fromPort": "out-0",
491     "toElement": "separator-82",
492     "toPort": "in-0",
493     "signalType": "logic"
494   },
495   {
496     "fromElement": "separator-82",
497     "fromPort": "out-1",
498     "toElement": "const-57",
499     "toPort": "cond-0",
500     "signalType": "false"
501   },
502   {
503     "fromElement": "separator-82",
504     "fromPort": "out-0",
505     "toElement": "formula-83",
506     "toPort": "cond-0",
507     "signalType": "true"
508   },
509   {
510     "fromElement": "input-signal-6",
511     "fromPort": "out-0",
512     "toElement": "formula-83",
513     "toPort": "in-0",
514     "signalType": "numeric"
515   },
516   {
517     "fromElement": "input-signal-28",
518     "fromPort": "out-0",
519     "toElement": "formula-83",
520     "toPort": "in-1",
```

```
521     "signalType": "numeric"
522   },
523   {
524     "fromElement": "formula-83",
525     "fromPort": "out-0",
526     "toElement": "output-84",
527     "toPort": "in-0",
528     "signalType": "numeric"
529   },
530   {
531     "fromElement": "formula-81",
532     "fromPort": "out-0",
533     "toElement": "output-85",
534     "toPort": "in-0",
535     "signalType": "numeric"
536   }
537 ],
538 "counter": 85,
539 "viewport": {
540   "zoom": 0.5000000000000001,
541   "panX": -10.202561327560886,
542   "panY": -4.836580086580568
543 }
544 }
545
546 код:
547 WHEN((10LBA22CT001A$XM20 = 0 AND 10LBA21CT001A$XM20 = 0),
((10LBA21CT001A$XQ01+10LBA22CT001A$XQ01)/2)+10MAA50CP001$XQ01,
WHEN(((10LBA22CT001A$XM20 != 0 AND 10LBA21CT001A$XM20 = 0) AND (10LBA22CT001A$XM20 != 0
OR 10LBA21CT001A$XM20 != 0)), 10LBA21CT001A$XQ01+10MAA50CP001$XQ01,
WHEN((10LBA22CT001A$XM20 = 0 AND (10LBA22CT001A$XM20 != 0 OR 10LBA21CT001A$XM20 != 0)),
10LBA22CT001A$XQ01+10MAA50CP001$XQ01, 0)))
```