$[\overline{si} \wedge ((si?_1 \wedge si?_0) \vee (\neg si?_1 \wedge \neg si?_0)) \rightarrow si?x;\ ready?\downarrow;\ si?_1\updownarrow si?_0\uparrow [x_0 \wedge x_1 \rightarrow [address_{node} == x_{address} \rightarrow flag_1\uparrow; flag_0\uparrow; o!x;\ ready?\uparrow []$
$address_{node} != x_{address} \rightarrow flag_1\uparrow; flag_0\downarrow; so!x;\ ready?\uparrow]]$
$[x_0 \wedge \neg x_1 \rightarrow [flag_1 \wedge flag_0 \rightarrow o!x\ []$
$flag_1 \wedge \neg flag_0 \rightarrow so!x]]$
$\neg x_0 \wedge \neg x_1 \rightarrow [flag_1 \wedge flag_0 \rightarrow o!x;\ flag_1\downarrow, flag_0\downarrow, si?_1\downarrow, si?_0\downarrow []$
$flag_1 \wedge \neg flag_0 \rightarrow so!x;\ flag_1\downarrow, flag_0\downarrow, si?_1\downarrow, si?_0\downarrow]]]$

$\overline{i} \wedge (si?_1 \wedge \neg si?_0) \rightarrow i?x;\ ready?\downarrow;\ si?_1\uparrow;\ si?_0\downarrow [x_0 \wedge x_1 \rightarrow [address_{node} == x_{address} \rightarrow flag_1\uparrow, flag_0\uparrow;\ o!x;\ ready?\uparrow []$
$address_{node} != x_{address} \rightarrow flag_1\uparrow, flag_0\downarrow; so!x;\ ready?\uparrow]]$
$[x_0 \wedge \neg x_1 \rightarrow [flag_1 \wedge flag_0 \rightarrow o!x\ []$
$flag_1 \wedge \neg flag_0 \rightarrow so!x]]$
$[\neg x_0 \wedge \neg x_1 \rightarrow [flag_1 \wedge flag_0 \rightarrow o!x;\ flag_1\downarrow, flag_0\downarrow, si?_1\downarrow, si?_0\downarrow []$
$flag_1 \wedge \neg flag_0 \rightarrow so!x;\ flag_1\downarrow, flag_0\downarrow, si?_1\downarrow, si?_0\downarrow]]]$