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Gates array

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Value retriever

Inputs:	<div><div>N</div> Index <div>R</div> Tbl</div>
Outputs:	<div><div>N</div> Out</div>
Description:	Outputs the index number in the array that is equal to Index.

8x merger

Inputs:	<div><div>N</div> A B C D E F G H</div>
Outputs:	<div><div>R</div> Tbl</div>
Description:	Takes eight values and turns into a array.

8x splitter

Inputs:	<div><div>R</div> Tbl</div>
Outputs:	<div><div>N</div> A B C D E F G H</div>
Description:	Splits array data up in eight outputs.

8x splitter

Inputs:	<div><div>N</div> A B C D E F G H <div>R</div> Tbl (BiDi)</div>
Outputs:	<div><div>N</div> A B C D E F G H <div>R</div> Tbl (BiDi)</div>
Description:	Like the merger and the splitter in one gate, but it only works with another "Bidirectional Array". This means that two duplexer's can both send and receive data from each other.

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