Pool

Part: XY74HC00ASDF
- base part: base Quad NAND DIP 14
- MPN: XY74HC00ASDF
- manufacturer: XY inc.

orderable part

Part: AB74HC00ASDF
- base part: base Quad NAND DIP 14
- MPN: AB 74HC00ASDF
- manufacturer: AB inc.

orderable part

Note: base parts are optional if the part is a only available from one manufacturer, e.g. a MCU, you may omit the base part

Part: base Quad NAND DIP 14
- entity: Quad NAND
- package: DIP14
- pin-pad-mapping

Package: QFN 16

polygons for outline, texts and lines on silkscreen

Pad
- name: 1

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Pad
- name: PAD

Padstack
polygons...

Padstack
polygons...

Package: DIP 14

polygons for outline, texts and lines on silkscreen

Pad
- name: 1

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Pad
- name: 14

Padstack
polygons...

Note: packages are supposed to only reference their own padstacks

Entity: Quad NAND

Gate
- name: A
- unit: s.e. NAND

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Gate
- name: D
- unit: s.e. NAND

Gate
- name: P
- unit: Power

Entity: Single NAND

Gate
- name: A
- unit: s.e. NAND

Gate
- name: P
- unit: Power

Symbol
unit: s.e. NAND
lines...
texts..
pins..

Unit: single-ended NAND

Pin
- primary name: A
- direction: input

Pin
- primary name: B
- direction:input in

Pin
- primary name: Y
- direction: output

Unit: Power

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