

Datasheet Reference

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1 4N35 (Phototransistor Optocouplers)

6 Pin

Vishay Semiconductors: <https://www.vishay.com/docs/81181/4n35.pdf>

Vishay Semiconductors: <https://www.jameco.com/Jameco/Products/ProdDS/320371VSH.pdf>

Fairchild Semiconductor: https://www.mouser.com/datasheet/2/308/Fairchild%20Semiconductor_4n25-28_35-37_h11a1-a5-1190949.pdf

2 ALD1107 (Quad/Dual P-Channel Matched Pair Mosfet Array)

14 Pin

Advanced Linear Devices, Inc: <https://www.aldinc.com/pdf/ALD1107.pdf>

3 ALD1106 (Quad/Dual N-Channel Matched Pair Mosfet Array)

14 Pin

Advanced Linear Devices, Inc: <https://www.aldinc.com/pdf/ALD1106.pdf>

4 LM-393N (Low Power, Low Offset Voltage, Dual Comparators)

8 Pin

Texas Instruments: https://www.ti.com/lit/ds/symlink/lm393-n.pdf?ts=1622570622284&ref_url=https%253A%252F%252Fwww.google.com%252F

STMicroelectronics: <http://pdf.datasheet.live/1fbeb75/st.com/LM393N.pdf>

Motorola: <https://pdf1.alldatasheet.com/datasheet-pdf/view/3072/MOTOROLA/LM393N.html>

5 CA3046E (General Purpose NPN Transistor Array)

14 Pin

Intersil: <http://synton.nl/wp-content/uploads/2017/04/ca3046.pdf>

Intersil: <https://www.digchip.com/datasheets/parts/datasheet/235/CA3046-pdf.php>

6 LM324N (Quadruple Operational Amplifiers)

14 Pin

Texas Instruments: <https://www.ti.com/lit/ds/symlink/lm324.pdf?HQS=dis-mous-null-mouser-mode-dsf-pf-null-ts=1622571561648>

Fairchild Semiconductor: <https://www.mouser.com/datasheet/2/149/LM324-195664.pdf>

7 CD74HCT04E (High Speed Logic Hex Inverter)

14 Pin

Texas Instruments: https://www.ti.com/lit/ds/schs117e/schs117e.pdf?ts=1622552089282&ref_url=https%253A%252F%252Fwww.ti.com%252Fproduct%252FCD74HC04%253Futm_source%253Dsupplyframe%2526utm_medium%253DSEP%2526utm_campaign%253Dnot_alldatasheet%2526DCM%253Dyes%2526dclid%253DCLDmH8G99vAC

Texas Instruments: <https://www.ti.com/lit/ds/symlink/cd74hct04.pdf?HQS=dis-mous-null-mouser-mode-dsf-pf-null-ts=1622590873781>

8 SN74HC02N (Quadruple 2-Input Positive-NOR Gates)

14 Pin

Texas Instruments: https://www.ti.com/lit/ds/symlink/sn54hc02-sp.pdf?ts=1622591251968&ref_url=https%253A%252F%252Fwww.google.com%252F

Texas Instruments: <https://www.ti.com/lit/ds/symlink/sn74hc02.pdf?ts=1622591387059>

9 MCP6004 (1MHz, Low-Power Op Amp)

14 Pin

Microchip: <https://ww1.microchip.com/downloads/en/DeviceDoc/MCP6001-1R-1U-2-4-1-MHz-Low-Power-Op-Amp-1.pdf>

Microchip: <https://www.mouser.com/datasheet/2/268/21733e-41017.pdf>

Microchip: <https://datasheetspdf.com/pdf-file/440107/MicrochipTechnology/MCP6004/1>

10 74HCT00N (Quad 2-Input NAND Gate)

14 Pin

Philips: <https://datasheet.octopart.com/74HCT00N-Philips-datasheet-7559292.pdf>

Philips: <https://pdf1.alldatasheet.com/datasheet-pdf/view/92515/PHILIPS/74HCT00N.html>

Nexperia: https://assets.nexperia.com/documents/data-sheet/74HC_HCT00.pdf

11 MC74HACT74AND |74HACT74 (Dual D-Type Positive-Edge-Triggered Flip-Flops with Clear and Preset)

14 Pin

Texas Instruments: https://www.ti.com/lit/ds/symlink/sn74hct74.pdf?ts=1622670279574&ref_url=https%253A%252F%252Fwww.google.com%252F

Fairchild: <https://www.futurlec.com/74HCT/74HCT74.shtml>

Nexperia: <https://datasheetspdf.com/pdf-file/1320236/nexperia/74HCT74/1>

12 CD4073BCN (Double Buffered 3-Input AND Gate)

14 Pin

National Semiconductor: <https://www.datasheets360.com/pdf/-889907059404155370>

Varied Sources: <https://www.alldatasheet.com/view.jsp?Searchword=CD4073BCN&>

Varied Sources: https://www.alldatasheet.com/view_datasheet.jsp?Searchword=CD4073BCN

13 CD74HCT86E |74HCT86 (Quadruple 2-Input XOR Gates)

14 Pin

Texas Instruments: https://www.ti.com/lit/ds/symlink/cd54hc86.pdf?ts=1622678929906&ref_url=https%253A%252F%252Fwww.google.com%252F

Texas Instruments: <https://pdf1.alldatasheet.com/datasheet-pdf/view/226822/TI/CD74HCT86E.html>

Texas Instruments: <https://pdf1.alldatasheet.com/datasheet-pdf/view/27082/TI/CD74HCT86E.html>

14 CD4075BE (CMOS OR Gates)

14 Pin

Texas Instruments: https://www.ti.com/lit/ds/schs056d/schs056d.pdf?ts=1622664033287&ref_url=https%253A%252F%252Fwww.ti.com%252Fproduct%252FCD4075B

Texas Instruments: https://www.ti.com/lit/ds/symlink/cd4075b.pdf?HQS=dis-mous-null-mousermode-dsf-pf-null-wwe&ts=1622700624982&ref_url=https%253A%252F%252Fwww.mouser.com%252F

Texas Instruments: <https://pdf1.alldatasheet.com/datasheet-pdf/view/26898/TI/CD4075BE.html>

15 CD74HCT08E (Quadruple 2-Input AND Gates)

14 Pin

Texas Instruments: https://www.ti.com/lit/ds/symlink/cd74hct08.pdf?ts=1622700793468&ref_url=https%253A%252F%252Fwww.google.com%252F

Texas Instruments: https://www.ti.com/lit/ds/symlink/cd74hct08.pdf?HQS=dis-mous-null-mousermode-dsf-pf-null-wwe&ts=1622700833156&ref_url=https%253A%252F%252Fwww.mouser.com%252F

Texas Instruments: <https://www.ti.com/lit/ds/symlink/cd74hct08.pdf?HQS=dis-dk-null-digikeymode-dsf-pf-null-wwe&ts=1622701036687>

16 SN74HC32N (Quadruple 2-Input OR Gates)

14 Pin

Texas Instruments: https://www.ti.com/lit/ds/symlink/sn54hc32-sp.pdf?ts=1622701150859&ref_url=https%253A%252F%252Fwww.google.com%252F

Texas Instruments: https://www.ti.com/lit/ds/symlink/sn74hc32.pdf?HQS=dis-mous-null-mousermode-dsf-pf-null-wwe&ts=1622691486924&ref_url=https%253A%252F%252Fwww.mouser.com%252F

Texas Instruments: <https://datasheet.octopart.com/SN74HC32N-Texas-Instruments-datasheet-62631.pdf>

17 SCL4043BE (CMOS QUAD 3-State R-S Latches)

16 Pin

R & E International, Inc.: <https://www.digchip.com/datasheets/parts/datasheet/397/SCL4043BE-pdf.php>

R & E International, Inc.: <http://doc.chipfind.ru/html/re/scl4043be.html>

18 LF347N (Wide Bandwidth Quad JFET Input Operational Amplifiers)

14 Pin

Texas Instruments: https://www.ti.com/lit/ds/snosbh1d/snosbh1d.pdf?ts=1622702050228&ref_url=https%253A%252F%252Fwww.google.com%252F

Texas Instruments: https://www.ti.com/lit/ds/symlink/lf347.pdf?HQS=dis-mous-null-mousermode-dsf-pf-null-wwe&ts=1622702160019&ref_url=https%253A%252F%252Fwww.mouser.com%252F

Motorola: <https://datasheetspdf.com/pdf/64803/ONSemiconductor/LF347N/1>

19 TL084CN (JFET-Input Operational Amplifiers)

14 Pin

Texas Instruments: <https://datasheet.octopart.com/TL084CN-Texas-Instruments-datasheet-8211250.pdf>

Texas Instruments: https://www.ti.com/lit/ds/symlink/tl084.pdf?HQS=dis-mous-null-mousermode-dsf-pf-null-wwe&ts=1622702160019&ref_url=https%253A%252F%252Fwww.mouser.com%252F

ts=1622683687905&ref_url=https%253A%252F%252Fwww.mouser.mx%252F

STMicroelectronics: <https://pdf1.alldatasheet.com/datasheet-pdf/view/25392/STMICROELECTRONICS/TL084CN.html>

20 CD4007UBE (CMOS Dual Complementary Pair Plus Inverter)

14 Pin

Texas Instruments: https://www.ti.com/lit/ds/symlink/cd4007ub.pdf?ts=1622663665890&ref_url=https%253A%252F%252Fwww.google.com%252F

Texas Instruments: https://www.ti.com/lit/ds/symlink/cd4007ub.pdf?HQS=dis-mous-null-mousermode-dsf-pf-ts=1622703038231&ref_url=https%253A%252F%252Fwww.mouser.com%252F

Texas Instruments: <https://pdf1.alldatasheet.com/datasheet-pdf/view/26836/TI/CD4007UBE.html>