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|-----------------------------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  | <p><b>XC3S4000-4FG676I</b></p>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
|                                                                                   | <p><b>Manufacturer Part Number:</b> <a href="#">XC3S4000-4FG676I</a></p> <p><b>Manufacturer/Brand:</b> <a href="#">Xilinx</a></p> <p><b>Part of Description:</b> IC FPGA 489 I/O 676FBGA</p> <p><b>Datasheets:</b>  <a href="#">XC3S4000-4FG676I.pdf</a></p> <p><b>RoHS Status:</b> Contains lead / RoHS non-compliant</p> <p><b>Stock Condition:</b> New original, Stock Available.</p> <p><b>Ship From:</b> Hong Kong</p> <p><b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS</p> |
| <p>Image may be representation. See specs for product details.</p>                |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |

### Specifications

|                                |                                                     |
|--------------------------------|-----------------------------------------------------|
| Part Number                    | XC3S4000-4FG676I                                    |
| Manufacturer                   | Xilinx                                              |
| Description                    | IC FPGA 489 I/O 676FBGA                             |
| Category                       | Integrated Circuits (ICs) > Embedded - FPGAs (Field |
| Part Status                    | Require For Quote & Check Stock                     |
| Series                         | Spartan®-3                                          |
| Operating Temperature          | -40°C ~ 100°C (TJ)                                  |
| Mounting Type                  | Sub-Base Mount                                      |
| Package / Case                 | 676-BBGA, FCBGA                                     |
| Supplier Device Package        | 676-FCBGA (27x27)                                   |
| Voltage - Supply               | 1.14 V ~ 1.26 V                                     |
| Number of Gates                | 4000000                                             |
| Number of I/O                  | 489                                                 |
| Number of LABs/CLBs            | 6912                                                |
| Number of Logic Elements/Cells | 62208                                               |
| Total RAM Bits                 | 1769472                                             |

XC3S4000-4FG676I is New Original in Stock, Search XC3S4000-4FG676I Datasheets, PDF, Inventory at Y-IC.com Online, Order XC3S4000-4FG676I Xilinx with warrantied and confidence.  
RFQ XC3S4000-4FG676I : Info@Y-IC.com

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|-----------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------|
| <p>In:</p>  <p><b>XC3S400-PQG208EGQ</b><br/>1249+<br/>1249+ QFP</p>    |  <p><b>XC3S400-5TQG144C</b><br/>Xilinx<br/>IC FPGA 97 I/O 144TQFP</p>    |  <p><b>XC3S4000-4FG900C</b><br/>Xilinx<br/>IC FPGA 633 I/O 900FBGA</p>  |  <p><b>XC3S400-FT256EGQ</b><br/>0359+<br/>0359+ BGS</p>    |
|  <p><b>XC3S4000-4FG676C</b><br/>Xilinx<br/>IC FPGA 489 I/O 676FBGA</p> |  <p><b>XC3S4000-4FGG1156C</b><br/>XINLI<br/>XC3S4000-4FGG1156C XINLI</p> |  <p><b>XC3S4000-4FGG676C</b><br/>Xilinx<br/>IC FPGA 489 I/O 676FBGA</p> |  <p><b>XC3S4000-4FGG484C</b><br/>XILINX<br/>XILINX BGA</p> |

### Hot Parts

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|----------------|----------------|-------------------|-------------------|-----------------------|
| 06031C821J4T2A | 1206AC391KAZ1A | AAT1149IUV-0.6-T1 | AD1580BRT         | AD73311LAR            |
| AD8529ARZ      | AD9833BRMZ.    | AS7C31026-12JC    | ATF2500C-20JC     | B82422A1562K100       |
| BQ29410PWR     | BSM75GD60DLC   | C1005Y5V1C104Z    | CC0603JRX7R9BB222 | CL21C180JBANNND       |
| CS4280-CM      | CYHCS-B100-25A | ECS-120-20-5PX-TR | ES3D/57T          | GRM1885C1H5R1BA01D    |
| HCTL-2016      | HV9861ALG-G    | IA2410-IC-CA5     | INA146UA          | ISL6322GCRZ           |
| LM-230-03      | LP3972SQX-A514 | LT1172HVCQ        | LT1795CSW#TR      | LTC3709EUH#TRPBF      |
| M24128-WMN6    | MCR8DSNT4      | MF-PSMF110X-2-P8  | ML4851CS3X        | MT46H32M32LFCG-6:A    |
| NL322522T-680J | P1100SBLRP     | P2100SALRP        | PCF50626HN011UM   | PVC75A-16             |
| RN1908FE       | SP211ECA       | SPM4012T-1R0M     | SS2P4HM3/84A      | SST25VF040B-50-4C-ZAE |
| SUD70N02-03P   | SZMM3Z22VT1G   | TL071BCDRG4       | TL3843BP          | TT36N12KOF            |

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