



	<h2 style="color: #e67e22;">M2S090-FGG676</h2>	
	<b>Manufacturer Part Number:</b>	M2S090-FGG676
 <p>Not Actual Photo YIC International Co., Limited.</p>	<b>Manufacturer/Brand:</b>	Microsemi
	<b>Part of Description:</b>	IC FPGA SOC 90K LUTS 676FBGA
	<b>Datasheets:</b>	 <a href="#">1.M2S090-FGG676.pdf</a>  <a href="#">2.M2S090-FGG676.pdf</a>
	<b>RoHs Status:</b>	 Lead free / RoHS
<b>Stock Condition:</b>	Compliant New original, Stock Available.	
<b>Ship From:</b>	Hong Kong	
<b>Shipment Way:</b>	DHL/Fedex/TNT/UPS/EMS	



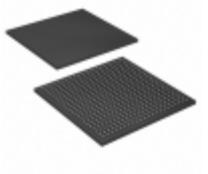


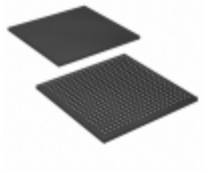
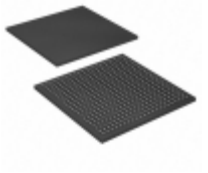

### Specifications

Part Number	M2S090-FGG676
Manufacturer	Microsemi
Description	IC FPGA SOC 90K LUTS 676FBGA
Category	Integrated Circuits (ICs) > Embedded - System On Chip
Part Status	Require For Quote & Check Stock
Series	SmartFusion@2
Operating Temperature	0°C ~ 85°C (TJ)
Package / Case	676-BGA
Supplier Device Package	676-FBGA (27x27)
Peripherals	DDR, PCIe, SERDES
Primary Attributes	FPGA - 90K Logic Modules
Core Processor	ARM® Cortex®-M3
Speed	166MHz
Architecture	MCU, FPGA
Number of I/O	425
Connectivity	CAN, Ethernet, I²C, SPI, UART/USART, USB
MCU Flash	512KB
MCU RAM	64KB
Packaging	Tray

M2S090-FGG676 is New Original in Stock, Search M2S090-FGG676 Datasheets, PDF, Inventory at Y-IC.com Online, Order M2S090-FGG676 Microsemi with warrantied and confidence. RFQ M2S090-FGG676 : Info@Y-IC.com

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In:

 <p><b>M2S090-FG484I</b> Microsemi IC FPGA SOC 90K LUTS 484FBGA</p>	 <p><b>M2S090-FGG676I</b> Microsemi IC FPGA SOC 90K LUTS 676FBGA</p>	 <p><b>M2S090S-1FGG484I</b> Microsemi IC FPGA SOC 90K LUTS 484FBGA</p>	 <p><b>M2S090S-1FGG676I</b> Microsemi IC FPGA SOC 90K LUTS 676FBGA</p>
 <p><b>M2S090-FGG484I</b> Microsemi IC FPGA SOC 90K LUTS 484FBGA</p>	 <p><b>M2S090-FGG484</b> Microsemi IC FPGA SOC 90K LUTS 484FBGA</p>	 <p><b>M2S090S-1FG484I</b> Microsemi IC FPGA SOC 90K LUTS 484FBGA</p>	 <p><b>M2S090-FGG676</b> Microsemi IC FPGA SOC 90K LUTS 676FBGA</p>

### Hot Parts

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|----------------------|----------------------|------------------------|------------------|-------------------------|
| ⚙ 06031A181K4T2A     | ➡ 06035A8R2CAT2A     | ➡ 12101C683KAZ2A       | D AIC1642-30CXTR | ➡ AP8822N-22PA          |
| ⊖ AT49BV163AT-70TU   | ⚙ CAT525P-B0         | D CGA3E2X8R1H682M080AA | ➡ CM1600HC-34N   | ➡ CMF2012F-181M-2P-T    |
| ⚙ CS51031GDR8G       | ⊖ DB2J31600L         | ⚙ EFCH836MTDE1         | ➡ FAN7311MX      | ➡ FCPF400N80ZL1         |
| D GCM1885C2A3R5CA16D | ⚙ GJM1555C1H6R5BB01D | ⊖ IDT2305-1DC          | ⚙ IP-2NL-CV      | ➡ IRF3808S              |
| ➡ IRFBC20STRLPBF     | ➡ LB2012T100M        | ⚙ LC72146M-QR-TLM      | ⊖ LMX1501AMX     | ➡ LQP18MN10NG00D        |
| ➡ LT1215CS8#TRPBF    | ➡ LT1494IS8          | D LT1640ALIS8          | ⚙ MAX8878EUK27+T | ⊖ MAZD27000LSO          |
| ⚙ MBR1530CT          | D MBRB15H45CT        | ➡ MCC161-20IO1B        | ➡ MMN200H010X    | ➡ NR6045T6R3M           |
| ⊖ NTD6414AUG         | ⚙ RT9514GQW          | ➡ SCS220AE2HR          | ➡ SN74AHCT08PWR  | ➡ SST39VF1601-70-4C-EKE |
| ⚙ T1235H-6T          | ⊖ TASS111P           | ⚙ TBD62064APG          | D TLV71333PDBVR  | ➡ TPH4R003NL            |
| ➡ TPS61029DRCR       | ⚙ UGB8GT-E3/31       | ⊖ VE-242-CV            | ⚙ VE-J6Y-IW      | ➡ ZUS151208             |

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