






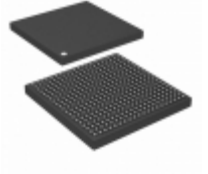
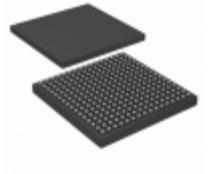

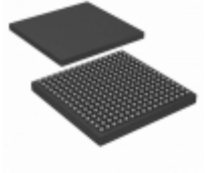

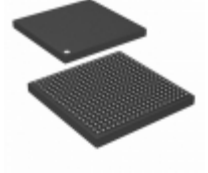
	<b>M2S010-VF256I</b>
	<b>Manufacturer Part Number:</b> M2S010-VF256I
 <p>Not Actual Photo YIC International Co., Limited.</p>	<b>Manufacturer/Brand:</b> Microsemi
	<b>Part of Description:</b> IC FPGA SOC 10K LUTS
	<b>Datasheets:</b> <ul style="list-style-type: none"> <li> 1.M2S010-VF256I.pdf</li> <li> 2.M2S010-VF256I.pdf</li> </ul>
	<b>RoHs Status:</b> Contains lead / RoHS non-compliant
	<b>Stock Condition:</b> New original, Stock Available.
	<b>Ship From:</b> Hong Kong
	<b>Shipment Way:</b> DHL/Fedex/TNT/UPS/EMS

Specifications	
Part Number	M2S010-VF256I
Manufacturer	Microsemi
Description	IC FPGA SOC 10K LUTS
Category	Integrated Circuits (ICs) > Embedded - System On Chip
Part Status	Require For Quote & Check Stock
Series	SmartFusion@2
Operating Temperature	-40°C ~ 100°C (TJ)
Package / Case	256-VFBGA
Supplier Device Package	256-BGA (17x17)
Peripherals	DDR, PCIe, SERDES
Primary Attributes	FPGA - 10K Logic Modules
Core Processor	ARM® Cortex®-M3
Speed	166MHz
Architecture	MCU, FPGA
Number of I/O	138
Connectivity	CAN, Ethernet, I <sup>2</sup> C, SPI, UART/USART, USB
MCU Flash	256KB
MCU RAM	64KB
Packaging	Tray



















































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 D660N20T	 DKW1205S-3W	 DLP11RB400UL2L	 DT1140-04LP-7	 FQP4N65C
 D FQPF8N60CF	 GCM1885C1H6R8BA16D	 GJM0335C1E6R8CB01D	 HC-S030V4B12	 IXFH15N100
 IXGH50N60AS	 LM2597N-12	 LM2676S-5.0	 LMH6553MRX/NOPB	 LTC2052HVCGN#TRPBF
 MCC56-06I01 B	 MCD161-22IO1B	 MIC37100-1.8W	 MM74HC138MTCX	 N1378NS300
 P6KE8.2A-E3/73	 PEB2045NVA3	 PL586-250C	 QMK212B7152KDHT	 R9G22612CS
 RA203825XX	 RMCF1206JT75R0	 S-8244AAZPH-CEZTFG	 S1210R-103K	 SBRT10M50SP5-13D
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