

NXP Semiconductors / Freescale

MCIMX6S1AVM08ABR

Part Number:	MCIMX6S1AVM08ABR
Manufacturer/Brand:	NXP Semiconductors / Freescale
Product description	IC MPU I.MX6S 800MHZ 624MAPBGA
Datasheets:	
RoHS Status	 Lead free / RoHS Compliant
Stock Condition	4129 pcs stock
Ship From	Hong Kong
Shipment Way	DHL/Fedex/TNT/UPS/EMS

REQUEST FOR QUOTATION

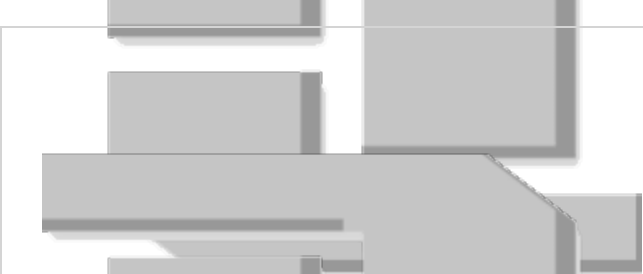
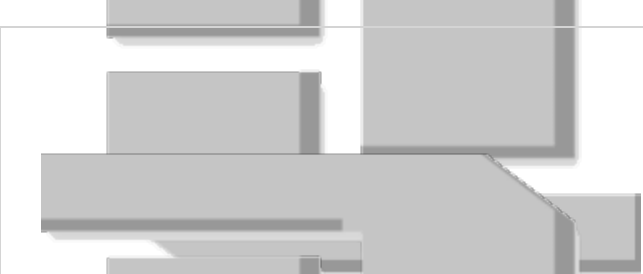
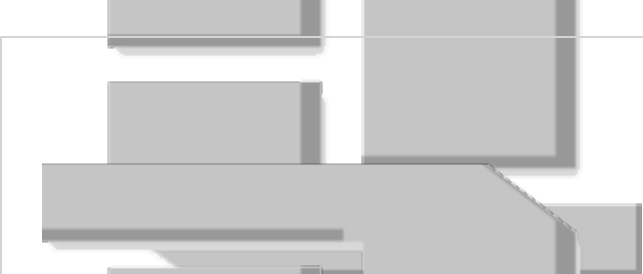
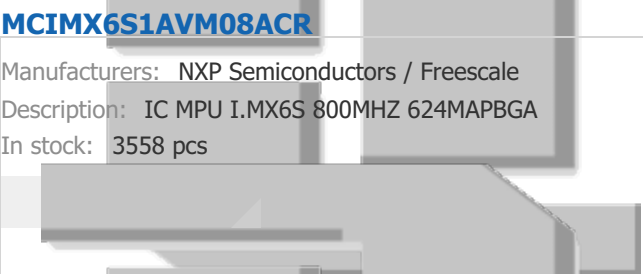
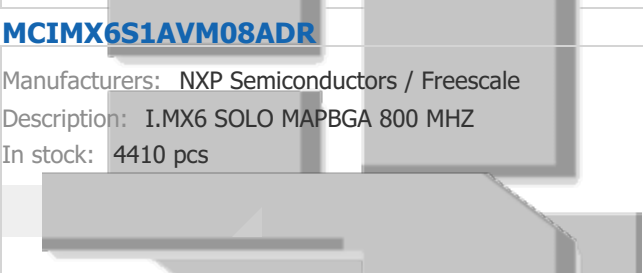
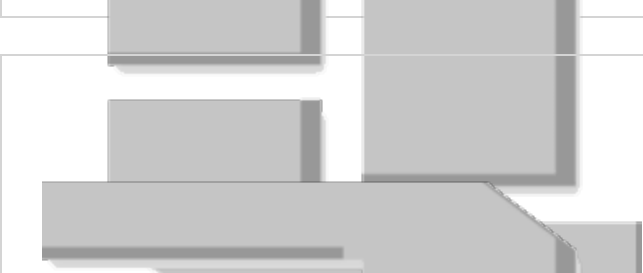
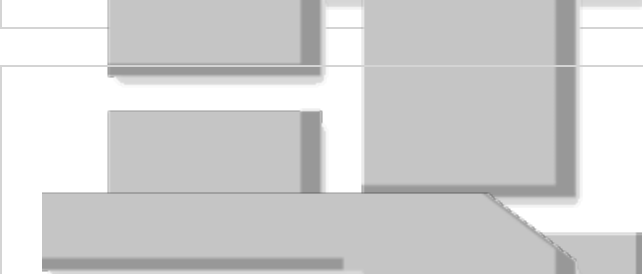
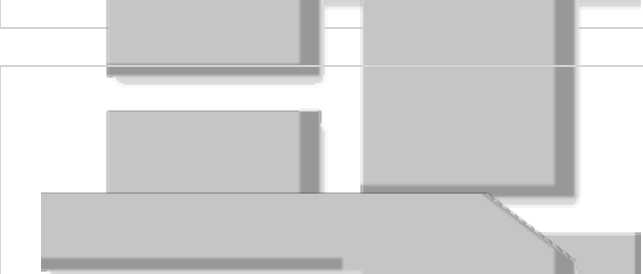
Specifications of MCIMX6S1AVM08ABR

PART NUMBER	MCIMX6S1AVM08ABR
MANUFACTURER	NXP Semiconductors / Freescale
DESCRIPTION	IC MPU I.MX6S 800MHZ 624MAPBGA
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
QUANTITY AVAILABLE	4129 pcs
DATA SHEET	
VOLTAGE - I/O	1.8V, 2.5V, 2.8V, 3.3V
USB	USB 2.0 + PHY (4)
SUPPLIER DEVICE PACKAGE	624-MAPBGA (21x21)
SPEED	800MHz
SERIES	i.MX6S
SECURITY FEATURES	ARM TZ, Boot Security, Cryptography, RTIC, Secure Fusebox, Secure JTAG, Secure Memory, Secure RTC, Tamper Detection
SATA	-
RAM CONTROLLERS	LPDDR2, LVDDR3, DDR3
PACKAGING	Tape & Reel (TR)
PACKAGE / CASE	624-LFBGA
OTHER NAMES	935319989518
OPERATING TEMPERATURE	-40°C ~ 125°C (TJ)
NUMBER OF CORES/BUS WIDTH	1 Core, 32-Bit
MOISTURE SENSITIVITY LEVEL (MSL)	3 (168 Hours)
LEAD FREE STATUS / ROHS STATUS	Lead free / RoHS Compliant
GRAPHICS ACCELERATION	Yes
ETHERNET	10/100/1000 Mbps (1)
DISPLAY & INTERFACE CONTROLLERS	Keypad, LCD
DETAILED DESCRIPTION	ARM® Cortex®-A9 Microprocessor IC i.MX6S 1 Core, 32-Bit 800MHz 624-MAPBGA (21x21)
CORE PROCESSOR	ARM® Cortex®-A9
CO-PROCESSORS/DSP	Multimedia; NEON™ SIMD
BASE PART NUMBER	MCIMX6
ADDITIONAL INTERFACES	CAN, I²C, I²S, MMC/SD/SDIO, SAI, SPI, SSI, UART

Related Tags

MCIMX6S1AVM08ABR	MCIMX6S1AVM08ABR Distributor	MCIMX6S1AVM08ABR Supplier
MCIMX6S1AVM08ABR Price	MCIMX6S1AVM08ABR Pictures	MCIMX6S1AVM08ABR Image
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 MCIMX6QP6AVT8AA Manufacturers: NXP Description: IC MPU I.MX6QP 852MHZ 624FCBGA In stock: 1190 pcs RFQ	 MCIMX6QP6AVT1AB Manufacturers: NXP Description: I.MX 6QP ROM PERF ENHAN In stock: 1065 pcs RFQ
 MCIMX6QP7CVT8AA Manufacturers: NXP Description: IC MPU I.MX6QP 800MHZ 624FCBGA In stock: 1065 pcs RFQ	 MCIMX6S1AVM08ACR Manufacturers: NXP Semiconductors / Freescale Description: IC MPU I.MX6S 800MHZ 624MAPBGA In stock: 3558 pcs
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 MCIMX6S1AVM10AC Manufacturers: NXP Description: I.MX 6 SERIES 32-BIT MPU ARM CO In stock: 2509 pcs RFQ	 MCIMX6S1AVM08AC Manufacturers: NXP Description: I.MX 6S ROM PERF ENHAN In stock: 3070 pcs RFQ
 MCIMX6QP7CVT8AB Manufacturers: NXP Description: IC MPU I.MX6QP ENHAN 624FCBGA In stock: 1108 pcs RFQ	 MCIMX6S1AVM10AD Manufacturers: NXP Description: I.MX 6S ROM PERF ENHAN In stock: 3272 pcs RFQ
 MCIMX6S1AVM08AB Manufacturers: NXP Description: IC MPU I.MX6S 800MHZ 624MAPBGA In stock: 4068 pcs RFQ	 MCIMX6S1AVM08AD Manufacturers: NXP Description: I.MX6 SOLO MAPBGA 800 MHZ In stock: 3488 pcs RFQ