

MCIMX27IPCAM Information

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General Information

Parameter	Value
Part Number	MCIMX27IPCAM
Description	I.MX27 IP CAMERA HW/SW REFERENCE DESIGN
Product Line	DJEO1500
PTI	SAAJ
Material Type	Hardware
Life Cycle Description (code)	NOT RECOMMENDED(DECLINING)
Status	Not Recommended for New Design

Package Information

Parameter	Value
Package Type and Termination Count	Hardware Only
Package Description and Mechanical Drawing	Hardware Only
Tape & Reel	No

Environmental and Compliance Information

Parameter	Value
Pb-Free	
RoHS Compliant	
Halogen Free	Yes
Material Composition Declaration (MCD)	Download MCD Report  Download MCD Report 
RoHS Certificate of Analysis (CoA)	Contact Us
REACH SVHC	Freescale REACH Statement

Ordering Information

Parameter	Value
Minimum Package Quantity (MPQ)	1
MPQ Container	EACH
Exempt from Minimum Delivery Value	Yes
Preferred Order Quantity (POQ)	1
POQ Container	EACH
Leadtime (weeks)	8
Export Control Classification Number (US)	5A002
Harmonized Tariff (US) Disclaimer	8525.80.4000
CCATS Document	-
ENC Status	-
Other Trade Compliance Documents	-
Budgetary Price excluding tax(US\$) Change Currency	-
Order	Distributor

Operating Characteristics

Parameter	Value
Additional Features	ATA Controller PLL External Memory Controller Watchdog OSC/Timer
Ambient Operating Temperature (Min-Max) (°C)	-20 to 85
Bus Frequency (Max) (MHz)	133
Cache (KB)	16
Communication Protocol	Ethernet
Core: Number of cores (Spec)	1
Core: Operating Voltage (Spec) (V)	1.45
Core: Type	ARM9
Ethernet	1
Ethernet Type	Fast Ethernet MAC (FEC) 10/100 Ethernet
External Bus Interface	PCMCIA
External Memory Supported	DRAM SDRAM
External Storage Support	SD
I2C	2
I2S	2
Internal RAM (KB)	45
Multimedia	Video Encoders Video Decoders Image Pre- and Post-Processor
Operating Frequency (Max) (MHz)	400
PWM (bit)	16
PWM (ch)	1
Sample Exception Availability	N
Serial Interface - Number of Serial Interfaces	3 1 2 2 6 3
Serial Interface - Serial Interface Type	SPI Ethernet I2C SSI UART USB
SPI	3
Timer Features	Input Capture PWM Realtime Interrupts Watchdog Output Compare
Timer type	Real Time Clock
Timers - Number of Timers	6 1 1
Timers - Timer Channels	1 1 1
Timers - Timer Size (bit)	32 16 8
USB features	USB 2.0 USB OTG
Downloaded from Arrow.com	Video Controller