

MIMX8ML8DVNLZAB

Active

Fully qualified to meet NXP quality and reliability requirements. Available for production quantity orders.

Features

i.MX 8M Plus Quad.

[Data Sheet](#)

[Tools and Software](#)

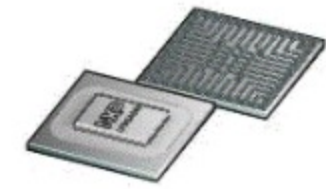
[Product Summary](#)

[Documentation](#)

Package

LFBGA548

LFBGA548, low profile, fine-pitch, ball grid array package, 548 terminals, 0.5 mm pitch, 15 mm x 15 mm x 1.331 mm body.



[Buy Options](#) | [Operating Features](#) | [Environmental](#) | [Quality](#) | [Shipping](#)

Buy Options

No items available

Operating Features

Parameter	Value
Core Type	4 x Arm Cortex-A53
Operating Frequency [Max] (MHz)	1800
L2 Cache (Max) (KB)	512
Co Processor Type	Arm Cortex-M7
Co Processor Frequency (MAX) (MHz)	800
Neural Processing Unit	2.3 TOPS
External Memory Supported	DDR4 SDRAM,ECC,L2 CACHE,LPDDR4 DRAM,NAND FLASH,NOR FLASH,QSPI
GPU 2D / GPU 3D	Shader,Vivante GC520L,Vivante GC7000UL
HW Video Encoder / Decoder	HD1080p60 H.264,HD1080p60 H.265

Parameter	Value
Camera Interfaces	2 x MIPI-CSI
PCIe	1 x PCIe 3.0
CAN	2
SPI	3
I ² C	6
UART	4
Security	CA,SJC,SNVS,TRNG,TZ
Audio Specific Modules	ASRC,SAI/I2S,eARC
USB Controllers	2

Environmental

No information available

Quality

No information available

Shipping

No information available

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