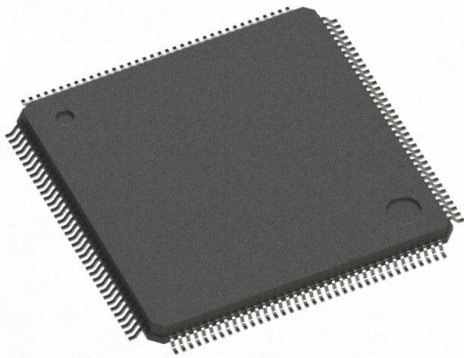


# M2GL005-1TQG144I Datasheet

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DiGi Electronics Part Number	M2GL005-1TQG144I-DG
Manufacturer	<a href="#">Microchip Technology</a>
Manufacturer Product Number	M2GL005-1TQG144I
Description	IC FPGA 84 I/O 144TQFP
Detailed Description	IGLOO2 Field Programmable Gate Array (FPGA) IC 8 4 719872 6060 144-LQFP

This model M2GL005-1TQG144I is available at DiGi Electronics.

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## Purchase and inquiry

Manufacturer Product Number:

M2GL005-1TQG144I

Series:

IGL002

DiGi-Electronics Programmable:

Not Verified

Total RAM Bits:

719872

Voltage - Supply:

1.14V ~ 2.625V

Operating Temperature:

-40°C ~ 100°C (TJ)

Supplier Device Package:

144-TQFP (20x20)

Manufacturer:

Microchip Technology

Product Status:

Active

Number of Logic Elements/Cells:

6060

Number of I/O:

84

Mounting Type:

Surface Mount

Package / Case:

144-LQFP

Base Product Number:

M2GL005

## Environmental & Export classification

RoHS Status:

ROHS3 Compliant

REACH Status:

REACH Unaffected

HTSUS:

8542.39.0001

Moisture Sensitivity Level (MSL):

3 (168 Hours)

ECCN:

EAR99

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