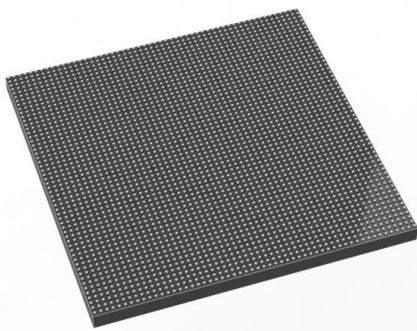


# 1SX280HH1F55E2LGS3 Datasheet

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DiGi Electronics Part Number	1SX280HH1F55E2LGS3-DG
Manufacturer	<a href="#">Intel</a>
Manufacturer Product Number	1SX280HH1F55E2LGS3
Description	IC FPGA STRATIX 10 2912FBGA
Detailed Description	Quad ARM® Cortex®-A53 MPCore™ with CoreSight™ System On Chip (SOC) IC Stratix® 10 SX FPGA - 2800 K Logic Elements 1.5GHz 2912-FBGA, FC (55x55)

This model 1SX280HH1F55E2LGS3 is available at DiGi Electronics.

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## Purchase and inquiry

**Manufacturer Product Number:**

1SX280HH1F55E2LGS3

**Series:**

Stratix® 10 SX

**Architecture:**

MCU, FPGA

**Flash Size:**

-

**Peripherals:**

DMA, WDT

**Speed:**

1.5GHz

**Operating Temperature:**

0°C ~ 100°C (TJ)

**Supplier Device Package:**

2912-FBGA, FC (55x55)

**Manufacturer:**

Intel

**Product Status:**

Active

**Core Processor:**

Quad ARM® Cortex®-A53 MPCore™ with CoreSight™

**RAM Size:**

256KB

**Connectivity:**

EBI/EMI, Ethernet, I<sup>2</sup>C, MMC/SD/SDIO, SPI, UART/USART, USB OTG

**Primary Attributes:**

FPGA - 2800K Logic Elements

**Package / Case:**

2912-BBGA, FCBGA

## Environmental & Export classification

**Moisture Sensitivity Level (MSL):**

3 (168 Hours)

**REACH Status:**

REACH Unaffected

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