

FIFO Mem Sync Dual Depth/Width Uni-Dir 512 x 9 32-Pin TQFP



Images are for reference only

[Inquiry](#)

Manufacturer: [Infineon Technologies Corporation](#)

Package/Case: QFP

Product Type: Memory

Lifecycle: Obsolete

General Description

The CY7C419, CY7C420/1, CY7C424/5, CY7C428/9, and CY7C432/3 are first-in first-out (FIFO) memories offered in 600-mil wide and 300-mil wide packages. They are, respectively, 256, 512, 1,024, 2,048, and 4,096 words by 9-bits wide. Each FIFO memory is organized such that the data is read in the same sequential order that it was written. Full and Empty flags are provided to prevent overrun and underrun. Three additional pins are also provided to facilitate unlimited expansion in width, depth, or both. The depth expansion technique steers the control signals from one device to another in parallel, thus eliminating the serial addition of propagation delays, so that throughput is not reduced. Data is steered in a similar manner.



Recommended For You

CY62167ELL-45ZXI

Infineon Technologies Corporation
TSOP48

CY15B104Q-SXI

Infineon Technologies Corporation
SOP8

CY15B102Q-SXE

Infineon Technologies Corporation
SOP8

CY7C1009D-10VXI

Infineon Technologies Corporation
SOJ-32

CY7C1069G30-10ZSXI

Infineon Technologies Corporation
TSOP-54

CY7C1350G-133AXC

Infineon Technologies Corporation
QFP100

CY7C1480V33-167AXC

Infineon Technologies Corporation
TQFP100

CY7C1325B-117AC

Infineon Technologies Corporation
QFP-100L

CY14B108L-ZS45XI

Infineon Technologies Corporation
TSOP44

CY62146EV30LL-45ZSXIT

Infineon Technologies Corporation
TSSOP44

CY62146ELL-45ZSXI

Infineon Technologies Corporation
TSSOP-44

CY62167EV18LL-55BVXI

Infineon Technologies Corporation
BGA

CY7C1019DV33-10VXI

Infineon Technologies Corporation
SOJ32

CY7C1021DV33-10VXI

Infineon Technologies Corporation
SOJ44

CY7C1470V33-167AXI

Infineon Technologies Corporation
TQFP100