

INDUSTRIAL COMPONENT DATA

CP1E-N20DT-D 298944 CP1EN20DTD OMRON CPU 12/8 I/O DC Outputs Transistor NPN 8K Program 8K Data

Brand: OMRON | Manufacturer Part Number: CP1E-N20DT-D



Manufacturer	OMRON
MPN / Reference	CP1E-N20DT-D
Catalog number	CP1EN20DTD
Category	PLC CPU-module
Minimum order	1 Pcs
Document ID	EO-C521F7AAD7
Generated	2026-07-29

Product Overview

CPU 12/8 I/O DC Outputs Transistor NPN 8K Program 8K Data

CPU 12/8 DC I/O Outputs NPN Transistor 8K Program 8K Data

PLC, 24 VDC supply, 12 x 24 VDC inputs, 8 x NPN outputs 0.3 A, 8K steps program + 8K words data memory, RS-232C port

STRUCTURED PRODUCT DATA

Technical Specifications

No structured technical attributes are currently available. Submit an RFQ for technical review.

Classification & Catalog Path

Catalog path OMRON > Control Systems > CPM2C

Additional Product Information

Specifications

Supply voltage type DC

Number of digital inputs 12

Input type PNP/NPN

Number of digital outputs 8

Output type NPN

Program capacity 8 K steps

Data memory capacity 8 K words

Logic execution time 1.19 μ s

Communication port(s) Serial RS-232C, USB

Number of Ethernet ports 0

Number of USB ports 1

Number of RS-232 ports 1
Number of RS-485 ports 0
Communication option(s) None
Max. encoder input frequency 100 kHz
Max. number of PTP axes 2
Max. pulse output frequency 100 kHz
Function Block programming
Battery-free memory backup
Real-time clock
Analog option boards
Max. number of analog I/O channels 0
Max. number of local I/O points 20
Max. number of expansion units 0
Built-in auxiliary 24 VDC output 0 mA
Operating temperature range 0-55 °C
Height 90 mm
Width 86 mm
Depth 85 mm

REQUEST PRICE, AVAILABILITY & TECHNICAL REVIEW

Send OMRON / CP1E-N20DT-D with the required quantity to info@electricaonline.com or use electricaonline.com/request-quote.

GLOBAL OFFICES

Germany: Lise-Meitner-Straße 13, 89081 Ulm | USA: 16225 Park Ten Pl #500, Houston, TX 77084 | UAE: HDS Business Centre Tower, Cluster M, 33rd Floor, JLT, Dubai

Catalog-generated document. Product names, marks and specifications belong to their respective owners. Verify safety-critical, compatibility and certification requirements against the manufacturer documentation before purchase or installation.