SIEMENS

8-Bit Single-Chip Microcontroller

SDA 30161

OLP 30161

Preliminary Data

MOS IC

Features

● Most powerful µC in the family
● External ROM up to 64 Kbytes
● 768-byte RAM
● Compatible with SDA 20160 in major points
● 8051 CPU
● Cycle time 1 µs at 12 MHz
● Supply voltage 5 V
● Integrated I²C bus interface
● 34 bidirectional I/O lines
● Input for directly processing IR signals
● Proven NMOS technology
● PL-CC-68 package

SDA 30161 is the most powerful device of the µC family. It can be used to implement highly demanding applications that are only possible with very large program memory and large RAM capacity. In this performance category a ROM variant was intentionally omitted.

Type	Ordering Code	Package
SDA 30161	Q67120-C463	PL-CC-68
OLP 30161	Q67120-C603	P-DIP-40

Enquire for a data sheet and further details.