



CMOS Process Options

Operating Voltage Selection Guide

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	Recommended Operating Voltage: Optimum Operating Voltage for which the process is designed
	Functional Operating Voltages: Functional Operating Voltage Range for which the circuit remains functional, exceeding these values may cause malfunction.
	Absolute Maximum Rating: Exceeding these values may cause permanent damage.

Process Code Description

Prefix in the Process Code	Number of Polysilicon layers	Number of Metal layers
CS	1	1
CP	2	1
CA	1	2
CD	2	2

Operating Voltage (Volts)

Process Code (*)	0	2	4	6	8	10	12	14	16	18	20	22	24	26	28	30
C*120 / 5V																
C*152 / 1.2V																
C*151 / 3V																
C*150 / 5V																
C*201 / 3V																
C*200 / 5V																
C*31 / 3V																
C*32 / 5V																
C*33 / 10V																
C*42 / 10V																
C*43 / 15V																
C*52 / 12V																
CM9 / 15V																

Note: The values in this table are for guidance. Contact Mitel to discuss your applications requirements. Ask for our Custom Silicon Book for complete process specifications.

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Notes: