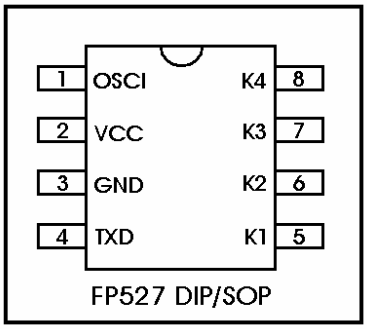
Description:

FP527 is a one time programmable Encoder Utilizing CMOS technology process. FP527 has a maximum of 20 bits providing up to 1 million codes. It can reduce code collision and unauthorized code scanning possibilities.

Features:

CMOS technology.
Low stand by current < 1μA.
Wide range of Operating Voltage:
Vcc = 1.8V ~ 13V.
Up to 4 data pins.
Total 1048576 address codes.
Single Resistor Oscillator.

Pin Out :



FP527 DIP/SOP

Absolute Maximum Rating:

Symbol	Parameter	Condition	Rating	Unit
VCC	supply voltage		-0.3 ~ 15	V
VI	input voltage		-0.3 ~ Vcc +0.3	V
VO	output voltage		-0.3 ~ Vcc +0.3	V
Tst	storage Temp.		-40 ~ 125	℃
Top	operating Temp.		-20 ~ 70	℃
Pdis	Max. power dissipation	Vcc=12V	300	mW

Electrical Characteristics:

Symbol	Parameter	Condition	min.	Typ.	Max.	Unit
VCC	operating voltage		1.8	-	13	V
Isb	stand by current	OSC Stop output unloaded			1	μA
Iop	operating current	VCC = 12V OSC = 80KHZ		0.5	1	mA
Ioh	source current	VCC = 12V Voh = 6V	3			mA
Iol	skin current	VCC = 12V Vol = 6V	3			mA