

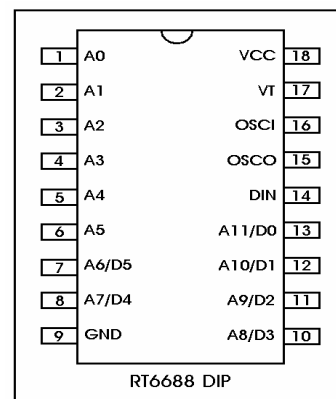
Description :

RT6688 is a RF remote control Decoder and Encoder paired with RT6588 Encoder. Maximum up to 12 bits of TRI-STATE address pin providing up to 531,441 address code.

Features :

Low power consumption.
Up to 12 TRI-STATE code address pins.
Up to 6 data pins output.
Maximum operating output: 4V~13V.
Single resistor oscillator.
Two kind of data output: Latch or Momentary.

Pin Out :



Absolute Maximum Rating :

Symbol	Parameter	Condition	Rating	Unit
V_{CC}	Supply voltage		-0.3~15.0	V
V_I	Input voltage		-0.3~ $V_{CC}+0.3$	V
V_O	Output voltage		-0.3~ $V_{CC}+0.3$	V
P_{dis}	Max. power dissipation	$V_{CC}=12V$	300	mW
T_{OP}	Operating Temperature		-20 ~ 70	
T_{st}	Storage Temperature		-40 ~ 125	

Electrical Characteristics :

$V_{CC} = 12V$, Temp = 25

Symbol	Parameter	Condition	Min.	Typ.	Max.	Unit
V_{CC}	Supply voltage		4		13	V
I_{sb}	Stand By Current	Osc stop		0.1	1	μA
I_{OH}	Data Source Current	$V_{OH}=6V$	-10			mA
I_{OL}	Data Sink Current	$V_{OH}=6V$	9			mA
V_{IH}	"H" Input		0.7Vcc		Vcc	V
V_{IL}	"L" Input		0		0.3Vcc	V