PTC

PT2275

DECODER

DESCRIPTION

PT2275 is a remote control decoder paired with PT2265 utilizing CMOS technology. It is housed in a 16 pin DIP and has 8 outputs, data input inverting signal or non-inverting signal control and one bit error check circuit.

FEATURES

-Wide range operating voltage, Vcc=2.2V~5.5V

-Maximum output is up to 8 pins

-Start word can be custom coded

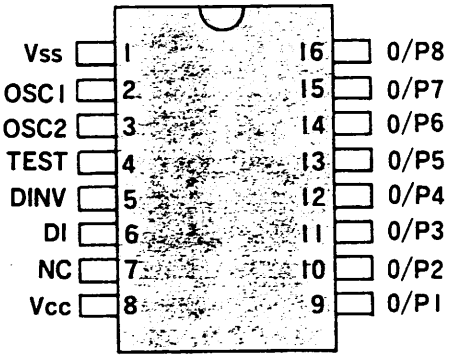
-Low power consumption

-High noise immunity with"one bit error check"scheme

APPLICATIONS

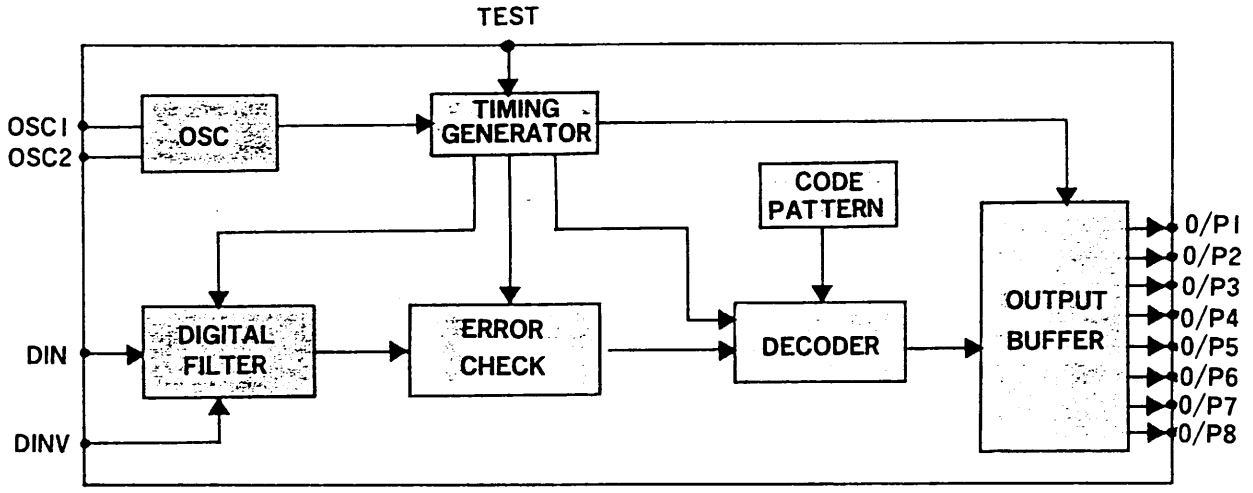
Fan Remote Control

PIN CONFIGURATION



PT2275
DECODER

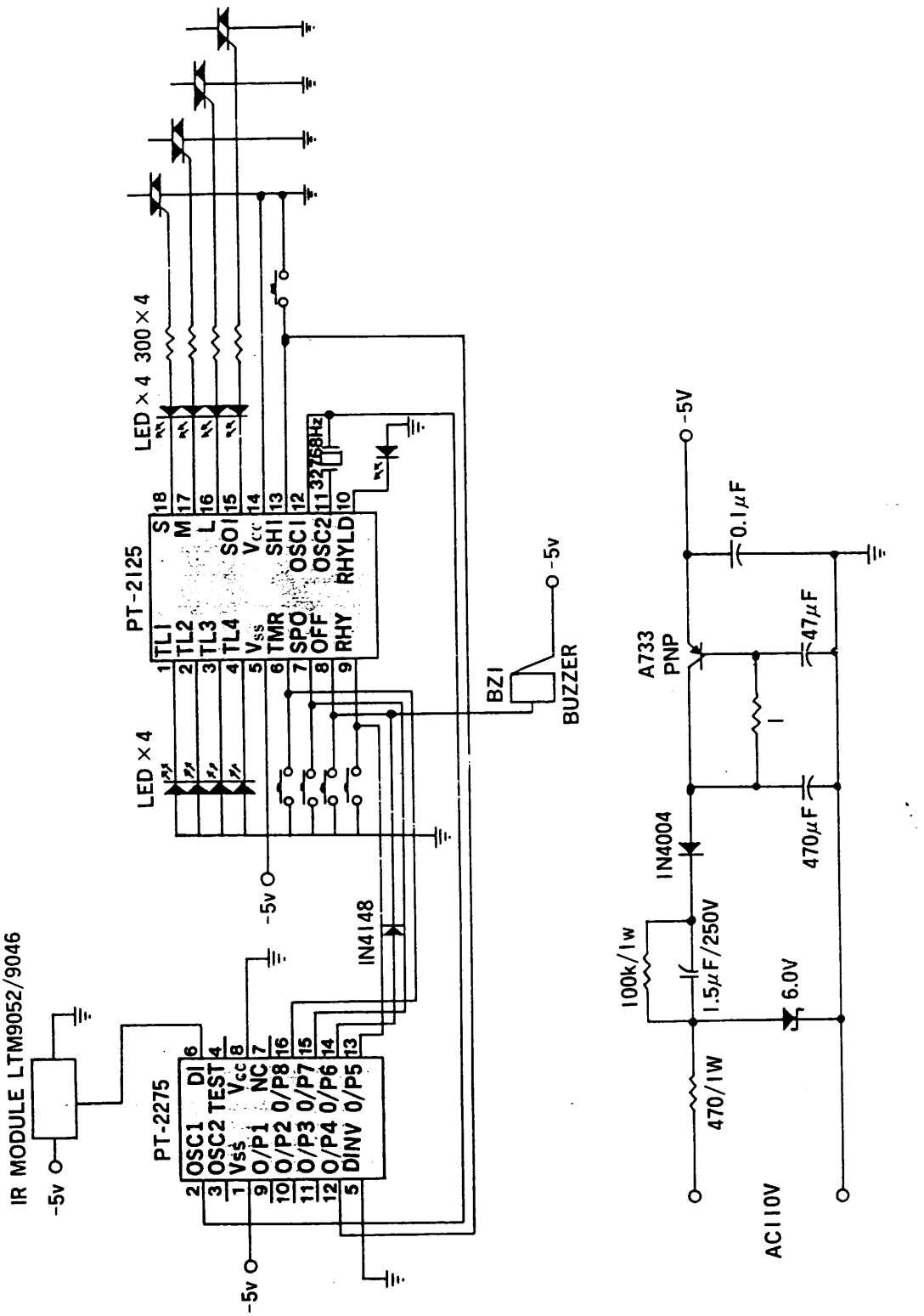
BLOCK DIAGRAM



PIN DESCRIPTION

PIN NAME	PIN NO.	I/O	FUNCTION/DESCRIPTION
Vss	1		NEGATIVE POWER SUPPLY
OSC1 OSC2	2 3	I O	USED TO EXTERNALLY CONNECT A 32KHz CRYSTAL
TEST	4	I/O	FOR TESTING
DINV	5	I	IF CONNECTED TO V_{CC}, DIN ACCEPTS INVERSE SIGNAL. IF FLOATING DIN ACCEPTS NON-INVERSE SIGNAL
DIN	6	I	RECEIVING SIGNAL INPUT
NC	7		
V_{CC}	8		POSITIVE POWER SUPPLY
O/P1-O/P8	9~16	O	CONTROL EXTERNAL CIRCUIT

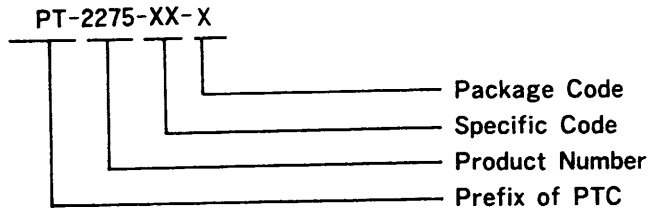
PT2275 IR RECEIVER APPLICATION CIRCUIT



ORDER INFORMATION

DECODER

PART NUMBER	PACKAGE
PT2275	16PIN DIP



Specific Code: 00-99:Custom code
Package Code: P:Plastic DIP, can be omitted
C:Ceramic DIP
F:Flat package
H:Chip form
S:Small outline
J:PLCC