



FM2981 is an electrical ignition IC for large power motorcycle. It has the features of high reliability and convenience, simple peripheral circuit.

FEATURES

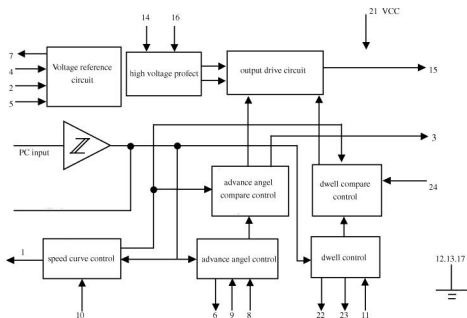
- ◆ Operating Temperature Range: -10℃ to 80℃
- ◆ Excellent temperature characteristic
- ◆ High voltage protection
- ◆ Operating Voltage Range: 5 to 20 V
- ◆ DIP package, 24 pin

PIN DESCRIPTION

Pin	Functions	Pin	Functions
1	External charge capacitor	13	Ground
2	Reference voltage	14	External resistor and capacitor
3	External capacitor	15	Output
4	Reference voltage	16	High voltage protection
5	Reference voltage	17	Ground
6	External charge capacitor	18	Test
7	Current source output	19	Input
8	External resistor	20	NC
9	External resistor	21	Power
10	External resistor	22	External capacitor
11	External resistor	23	External capacitor
12	Ground	24	External capacitor

ELECTRICAL CHARACTERISTICS

Symbol	Parameter	Conditions	Typ	Unit
V7	Pin7 Voltage	25	1.44	V
V5	Pin5 Voltage	25	0.30	V
V4	Pin4 Voltage	25	0.434	V
V2	Pin2 Voltage	25	0.33	V
I8	Pin8 Current	25	22	μA
I9	Pin9 Current	25	147	μA
I10	Pin10 Current	25	203	μA
I11	Pin11 Current	25	71	μA



APPLICATION CIRCUIT

