

**APPLICATIONS:**

- MD
- DVD
- Internet Appliance

# Regulators

## SHUNT REGULATOR

MODEL NUMBER	REFERENCE VOLTAGE (V)	OUTPUT VOLTAGE (V)	SHUNT CURRENT (mA) MAX.	PACKAGE	EQUIVALENT
IR9431/N	2.495 ±0.037	Vref to 36	100	8-pin DIP/8-pin SOP	TL431

## DC/DC CONVERTER

MODEL NUMBER	CONTROL SYSTEM	OSCILLATION FREQUENCY (kHz)	PEAK CURRENT (mA) MAX.	PACKAGE	EQUIVALENT
IR3M03A/AN	V/F	0.1 to 100	1,800/1,500	8-pin DIP/8-pin SOP	MC34063P1
IR3M09N	PWM	40 to 1,200	100	12-pin SSOP	—

## SWITCHING REGULATOR

MODEL NUMBER	CONTROL SYSTEM	OSCILLATION FREQUENCY (kHz)	OUTPUT CURRENT (mA) MAX.	PACKAGE	EQUIVALENT
IR3M02A/AN	PWM	1 to 300	250	16-pin DIP 16-pin SOP	MB3759

## DIVIDED VOLTAGE GENERATOR FOR LCD DRIVE

MODEL NUMBER	NO. OF CIRCUITS	SUPPLY VOLTAGE (V) MAX.	BIAS RATIO	SUPPLY CURRENT (mA) MAX.	PACKAGE	NOTES
IR3E05	5	42	1/5 to 1/20	0.7	20 MFP	
IR3E05A	5	42	1/5 to 1/20	0.7	20 MFP	1, 2

**NOTES:**

1. Low power consumption type.
2. Output current limiting circuit.