

NJRC Communication IC  
For data sheets please click on part number

**FM IF Demodulator IC**

PART No.	Operating Voltage	Operating Current	Key Features	Main Functions	Package Outline
<a href="#">NJM2211</a>	4.5 to 20V	5mA	Wide frequency range 0.01Hz to 300kHz	PLL for tracking, Quadrature Phase Detector, FSK voltage comparator	DIP14 DMP14
<a href="#">NJM2292</a>	1.8 to 7V	2mA	-	RSSI, Squelch	SSOP20
<a href="#">NJM2294</a>	1.1 to 4V	600µA	Suitable for battery use	RSSI, FSK Comparator Battery Save, Battery Alarm	SSOP16
<a href="#">NJM2295A</a>	2.7 to 7V	5mA	Suitable to 10.7MHz application	RSSI, FSK Comparator Battery Charge, Quick Charge	SSOP20
<a href="#">NJM2537</a>	1.1 to 4V	1.2mA	Suitable for battery use	RSSI, FSK Comparator Battery Charge, Quick Charge	SSOP20
<a href="#">NJM2549</a>	2.7 to 9V	3mA	Wide Band FM IF Demodulator IC	IF Amplifier Quadrature Detector, RSSI	TVSP10
<a href="#">NJM2550</a>	2 to 9V	4.4mA	IF 5MHz to 50MHz Adjust RSSI 's Thermal Characteristics	RSSI, FSK Comparator Quick Charge, RSSI Thermal Adj.	SSOP16
<a href="#">NJM2552</a>	2.2 to 9V	FM:2.5mA AM:5.0mA	Up to 2MHz IF Built-in AM demod	RSSI, AM AGC	SSOP20
<a href="#">NJM2590</a>	1.6 to 5.5V	550µA	Low current/voltage Built-in RSSI comp.	RSSI, FSK Comparator Quick Charge, RSSI Comparator	SSOP14
<a href="#">NJM2591</a>	1.8 to 9V	2.5mA	Low current	RSSI, Noise Comparator, Noise Detector	SSOP16
<a href="#">NJM2592</a>	1.8 to 9V	2.2mA	50Ω Mixer Input Imp. Up to 470MHz input	RSSI, FSK Comparator Quick Charge, RSSI Comparator	SSOP20
<a href="#">NJM2593</a>	1.8 to 9V	1.2mA	Low current/voltage Built-in RSSI comp.	RSSI, FSK Comparator Quick Charge, RSSI Comparator	SSOP20
<a href="#">NJM2597</a>	1.6 to 5.5V	550µA	Low current/voltage Built-in RSSI comp.	RSSI, FSK Comparator Quick Charge, RSSI Comparator	SSOP14
<a href="#">NJM3357</a>	4 to 8V	3mA	-	Squelch	DIP16 DMP16

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**RF Amplifier**

PART No.	Operating Voltage	Operating Current	Key Features	Main Functions	Package Outline
<a href="#">NJM2204A</a>	8 to 12V	6mA	dynamic range (50dB) Wide linearity ( $\pm 1$ dB)	-	DIP16
<a href="#">NJM2275</a>	1.8 to 6V	0.8mA	Peak for external CL	Cascode Amplifier Built-in Bias Circuit	SOT-23-6
<a href="#">NJM2278</a>	2 to 5.5V	20mA	Peak for external CL	Down Converter/Built-in Bias Circuit	SOT-23-6

**Modulation /Demodulation**

PART No.	Operating Voltage	Operating Current	Key Features	Main Functions	Package Outline
<a href="#">NJM1496</a>	to 30V		Up to 50MHz Mod/Demod/Doublers	Balanced Mixer	DIP14 DMP14 SSOP14
<a href="#">NJM2288</a>	1.8 to 5.5V	2.8mA	Low Current Gain flatness for temp.	300/400MHz Down Mixer with Amp.	SOT-23-6
<a href="#">NJM2519A</a>	4.5 to 5.5V	15mA	JPN 1/2ch, USA3/4ch	Video-FM/Audio-AM modulator, OSC for RF, Video clamp	DMP8
<a href="#">NJM2536A</a>	4.5 to 5.5V	16mA	JPN 1/2ch, USA3/4ch	Video-FM/Audio-AM modulator, OSC for RF, Video clamp	DMP14 SSOP14
<a href="#">NJM2542</a>	4.75 to 5.25V	51mA	AFT:Adjustment Free FM-PLL Demodulator :Adjustment Free	VIF/SIF Demodulator, AGC, AFT, APC, Oscillators	SSOP20
<a href="#">NJM2594</a>	4.5 to 9V		Up to 200MHz Mod/Demod/Doublers	Balanced Mixer	DMP8 SSOP8
<a href="#">NJM567</a>	4.75 to 9V	7mA	Wide frequency range 0.01Hz to 500kHz	Phase detector, Current controlled oscillator	DIP8 DMP8
<a href="#">NJW1503A</a>	4.5 to 5.5V	15mA	Prescaler up to 1GHz 34V max. tuning voltage output	34V max. tuning voltage output	SSOP16
<a href="#">NJW1504</a>	4.5 to 5.5V	15mA	Ref. OSC with X'tal	36V max. tuning voltage output	SSOP16
<a href="#">NJW1508</a>	4.5 to 5.5V	15mA	for External Ref.	36V max. tuning voltage output	SSOP16