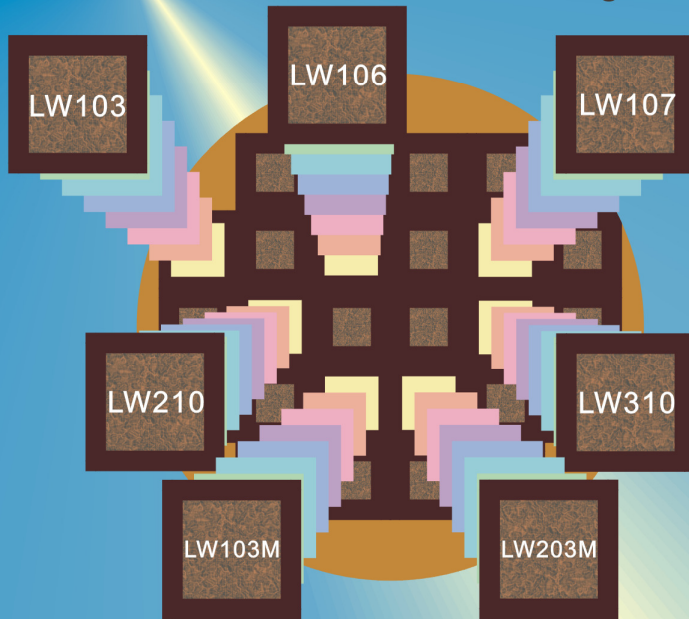




Lexiwave RFIC, Module & Solution

Reinventing RFIC



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Audio IC (Application: Audio amplifier)

P/N	Supply Voltage	Current	Operating Frequency	Sensitivity	Output Power	Feature	Package	Cross Reference
LW108	2.2~6.5V	2mA	Audio frequency	-	60mW / 32 ohm	Low cost	Chip, SOP-8	MC34119
LW109	2.2~6.5V	4mA	Audio frequency	-	120mW / 32 ohm	Output capacitorless	Chip, SOP-8	LM386

Receiver IC (Application: Remote control, Wireless weather station, Wireless AC switch)

P/N	Supply Voltage	Current	Operating Frequency	Sensitivity	Output Power	Feature	Package	Cross Reference
LW103	2.5~3.3V	2.5mA	300-440MHz	-105dBm	-	Supergenerative, low current OOK	Chip, QFN-20	-
LW106	2.4~6V	4mA	300-450MHz	-85dBm	-	Superheterodyne, high selectivity	Chip, SOP-18	RX3310A

Transmitter IC (Application: Remote control, Wireless weather station, Baby monitor, FM microphone)

P/N	Supply Voltage	Current	Operating Frequency	Sensitivity	Output Power	Feature	Package	Cross Reference
LW203	2.2~5V	20mA	300-900MHz	-	6dBm / 433MHz	Dual Stage, OOK Transmitter	Chip, QFN-12	-
LW210	2.2~5V	10mA	27-400MHz	-	3dBm / 49MHz	AM/FM transmitter	Chip, QFN-16	-

Transceiver IC (Application: Walkie talkie, Baby monitor)

P/N	Supply Voltage	Current	Operating Frequency	Sensitivity	Output Power	Feature	Package	Cross Reference
LW310	5~7.5V	3/25mA	27-49MHz	-80dBm	0dBm	Half-duplex transceiver	Chip	GPRF2716B

Receiver Module (Application: Remote control, Wireless weather station, ISM product, Walkie talkie, General data transmission)

P/N	Supply Voltage	Current	Operating Frequency	Sensitivity	Output Power	Feature	Package	Cross Reference
LW103M	2.5~5V	2.5mA	300-440MHz	-105dBm	-	Supergenerative, low current, OOK	Module	-
LW103HM	2.5~5V	2.5mA	850-930MHz	-102dBm	-	Supergenerative, high frequency, OOK	Module	-
LW103M-SR	2.5~5V	6mA	300-930MHz	-116	-	Supergenerative, high sensitivity, OOK	Module	-
LW112M-F	2.7~5.5V	8mA	260-510MHz	-104dBm	-	Double-conversion, FSK/FM/ASK	Module	-
LW116M	2.7~3.3V	9mA	315/433MHz	-100dBm	-	Single-conversion, high selectivity, FSK	Module	-
LW120M	2.7~5.5V	3.8mA	315/433MHz	-115dBm	-	Single-conversion, high sensitivity, OOK	Module	-

Transmitter Module (Application: ISM product, Remote control)

P/N	Supply Voltage	Current	Operating Frequency	Sensitivity	Output Power	Feature	Package	Cross Reference
LW203M	2.2~5V	20mA	300-900MHz	-	6dBm / 3V	Dual stage, OOK transmitter	Module	-
LW203M-ST	3~5V	43mA	300-900MHz	-	13dBm / 3V	High power, OOK transmitter	Module	-
LW216M	2.2~3.6V	12mA	315/433MHz	-	6dBm / 3V	Low current, FSK transmitter	Module	-
LW433DTXM	2.2~5V	11mA	300-440MHz	-	5dBm / 3V	Low current, OOK transmitter	Module	-

Transceiver Module (Application: ISM product, Remote control, Telemetry, Zigbee)

P/N	Supply Voltage	Current	Operating Frequency	Sensitivity	Output Power	Feature	Package	Cross Reference
LW313M	0.8~3.6V	12mA	2.4GHz	-	4dBm	GFSK modulation, built-in antenna	Module	-
LW1101M	1.8~3.6V	8mA	300-460MHz	-110dBm	8dBm	High performance, high reliability	Module	-
LW320M	1.8~3.6V	16/21mA	2.4GHz	-92dBm	3dBm	Zigbee compliant, built-in antenna	Module	-

GPS Antenna Module

P/N	Supply Voltage	Current	Operating Frequency	Sensitivity	Output Power	Feature	Package	Cross Reference
LW123M	1.8V	37mA	1.5GHz	-163dBm	-	48 channels, built-in antenna	Module	-

RF Solutions

Walkie Talkie, Interactive Toy, Wireless Weather Station, Remote-controlled AC Socket, Wireless Parking Meter, Remote Monitoring System, GPS device