

## Product selector guide

Product	Description	Function	PA	Radio				Memory			Processor		Main features				Software	
				DECT (6.0)	KDECT	JDECT	2.4GHz	Ext.	Flash	ROM	CPU MIPS	DSP MIPS	I/O	Handsfree Amplifier	Charge control	Special features	Support	
LMX4180	Radio transceiver ICs	Radio	4dBm	Y		Y								Microwire			FAD control	
LMX4281	Radio transceiver ICs	Radio	4dBm	Y			Y							Microwire			FAD control	
LMX4181	Radio transceiver ICs	Radio	4dBm	Y	Y	Y								Microwire			FAD control	
SC14481	DECT / CAT-iq	Single chip	-35 to 26dBm	Y		Y				40	80			GPIO, UART, I2C, PCM, SPI, I2S	0.5W 4 Ohm	NiMH, Li-ion	Ultra long standby	Natalie CAT-iq/DECT protocol stack
SC14441	DECT / CAT-iq	Single chip	-35 to 26dBm	Y	Y	Y		Y		80	80			GPIO, UART, I2C, PCM, SPI, QSPI, I2S	0.5W 4 Ohm	NiMH, Li-ion	Ultra low power Ultra long standby	Natalie CAT-iq/DECT protocol stack
SC14443	DECT / CAT-iq	Single chip	-35 to 26dBm	Y		Y		Y		80	80			GPIO, 2x UART, 2x I2C, PCM, Microwire, 2x SPI, USB 2.0	2W, 4 Ohm, up to 48KHz	NiMH, Li-ion	Ultra low power, CELT CODEC, Dual DC/DC	
SC14444	DECT / CAT-iq	Single chip	-35 to 26dBm	Y		Y		Y		80	80			GPIO, 2x UART, 2x I2C, PCM, Microwire, 2x SPI, USB 2.0, Parallel LCD interface	2W, 4 Ohm, 2x 1W, 8 ohm up to 48 KHz	NiMH, Li-ion	Ultra low power, Graphic DMA, Pixel processor, Dual DC/DC, CELT CODEC, Resistive touch interface	Graphics library
SC14281	DECT / CAT-iq	Single chip	-35 to 23dBm				Y			80	80			GPIO, UART, I2C, PCM, SPI, QSPI, I2S	0.5W 4 Ohm	NiMH, Li-ion	Ultra long standby	Natalie 2.4GHz protocol stack
SC14241	DECT / CAT-iq	Single chip	-35 to 23dBm				Y	Y		80	80			GPIO, UART, I2C, PCM, SPI, QSPI, I2S	0.5W 4 Ohm	NiMH, Li-ion	Ultra long standby	Natalie 2.4GHz protocol stack
SC14491	DECT / CAT-iq Headset	Single chip	2dBm	Y		y		Y		80	80			GPIO, UART, I2C, PCM, SPI, QSPI, I2S		USB v1.2: nimh, Li-ion	Ultra long standby, DC/DC, G722.0, G726, G727, 727 SNS, CELT CODEC	Natalie protocol stack