

FUJITSU

ASSP

DTMF Dialer

Device Number	Function	Oscillator Frequency (MHz)	Supply Current (mA)	Package	Alternate Source
MB4507A	DTMF Dialer	3.58	20 to 105	DIP-22P-M03	—

Speech Circuit

Device Number	Function	Transmission		Reception		Dial System (MF Input Pin)	Balance Switching	Supply Current (mA)	Supply Voltage (V) max	Package	Alternate Source	
		Gain Increase	Transmission Mute	Gain is Controlled Externally	Gain Increase							
MB4514	Speech Network				4dB			20 to 150	+8	DIP-22P-M03 FPT-24P-M02	—	
MB4514A				Yes	Yes					DIP-22P-M03	—	
MB4514B		6dB	Yes	Yes	Yes	Yes					DIP-22P-M02 FPT-24P-M02	—
MB4514C				Yes	Yes		Yes				DIP-22P-M03	—

Ringer

Device Number	Function	Output Voltage (dBV)	Rumbling Start Current (mA)	Supply Voltage max(V)	Package	Alternate Source
* MB4517	Ringer	21	1.7	20	DIP-14P-M02 FPT-14P-M01	—

*: Coming Soon

TELEPHONE/DATA EXCHANGE

Mixed Circuit

Device Number	Function	DC Characteristics (V) (Speech $I_L = 20\text{mA}$)	Tone Ringer Rumbling Current typ (mA)	Package	Alternate Source
MB4513	Speech Network, Tone Ringer	2.7	1.7	DIP-48P-M01 (M02) FPT-48P-M02	—
MB4515		3.2	2.5	DIP-48P-M01 (M02) FPT-48P-M02	—
MB4509	Speech Network, Tone Ringer, Dialer	2.6	2.25	FPT-64P-M01	—

DTMF Receiver

Device Number	Function	Oscillator Frequency (MHz)	Input Signal Level min (dB)	Supply Voltage (V)	Package	Alternate Source
MB87017A	DTMF Receiver	3.579	-29	+5V±5%	DIP-18P-M02 FPT-24P-M02	μT 8870

Cellular Radio

Device Number	Function	Frequency Band	Supply Voltage (V)	Package	Alternate Source
MB87084	Control Signal Processing LSI	AMPS, NMT, TACS	+5V±10%	FPT-48P-M02	—
MB87085	Audio Signal Processing LSI			FPT-48P-M02	—
MB87079	Audio Signal Processing LSI	AMPS, TACS	+5V±10%	FPT-28P-M01	—

MASK Modern

Device Number	Function	Data Bit Rate	Supply Current (mA)	Supply Voltage (V)	Package	Alternate Source
MB87002	MSK Modem	1200 BPS	4	+5V±10%	DIP-16P-M03 FPT-16P-M03	—