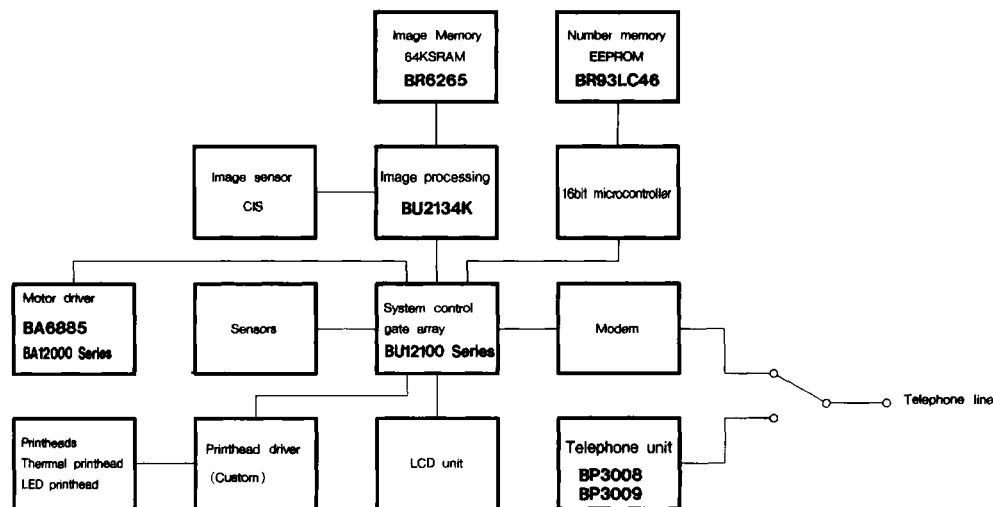


FAX

Block Diagram of Typical Applications



●Image processing ASSP

Part No.	Supply voltage range (V)	Error distribution	Dithering	Simple binary	Image Sensor interface	A/D converter	Shading compensation	γ compensation	Reduction	Remarks	Package
BU2130K1	5	6bit	32 gradations	○				○	optional		QFP80
BU2140KS	5	6bit	64 gradations	○					optional	Expandable	SQFP100
BU2133KS	5	5bit	32 gradations	○	○		○	○	selection	Digital ABC	SQFP100
BU2134K	5	5bit	32 gradations	○	○	○(8bit)	○	○	optional	Digital ABC	QFP64
☆BU2135K	5	6bit	64 gradations	○	○	○(8bit)	○	○	optional	Digital ABC	QFP64

Note : 1.Six bit and five bit error distributions are equivalent to 64 and 32 halftones respectively .

Communications equipment

●FM-IF system

Part No.	Supply voltage range (V)	IF	DET	OSC	Squelch	Center meter	AFC	Feature	Package
BA4112	4~8	○	○	○	○				DIP16
BA4113	4~9	○	○	○	○	○	○	Few external components.	DIP18
BA4114	1.8~7	○	○	○	○			Low voltage operation.	DIP18

●Microphone amplifier

Part No.	Supply voltage range (V)	Function/Feature	Package
BA3414L	3.5~14	Microphone amplifier for FM communication equipment. Built-in transmit/receive switch. Pre-amplifier with limiter.	ZIP16

●FM intercommunication

Part No.	Supply voltage range (V)	PLL system	Squelch	Function/Feature	Package
BA1602AL	6~10	○	○	Full duplex communication and press-to-talk system are possible.	ZIP18