

4. TELECOMMUNICATION APPLICATION (Continued)

Application	Device	Package	Circuit Function
Line Driver	†† KS5788B	14 SOP	Conformance EIA standard No. RS-232C & V.24(CCITT) Quad line driver Interface between data terminal equipment(DTE)and data communication equipment(DCE) Current limited output: $\pm 10\text{mA}$ typ. Power-off source impedance 300 ohms min. Compatible with DTL and TTL HCTLS families Flexible operating supply range KS5788: Low power CMOS version
Line Receiver	†† KS5789B	14 DIP 14 SOP	Conformance EIA standard No. RS-232C & V.24(CCITT) Quad line receiver Interface between data terminal equipment(DTE)and data communication equipment(DCE) Input signal range: ± 30 volts Input threshold hysteresis built in Response control a) Logic threshold shifting b) Input noise filtering KS5789A: Low Power CMOS version
Line Transceiver	KA2654	8 DIP	Conformance EIA Standard No. RS-232C & V.24(CCITT) One Driver & One Receiver on chip Wide supply voltage ($\pm 4.5\text{--}\pm 15\text{V}$) Including reference regulator Response control provides TTL compatible
Peripheral Driver Array	KA2655/ 6/7/8/9	16 DIP 16 SOP	Including 7 NPN darlington-connected transistors These arrays are well suited for driving lamps, relays, or printer hammers in a variety of industrial and consumer applications. High breakdown voltage and internal suppression diodes insure freedom from problems associated with inductive loads
Fluorescent Display Driver	KA2651	18 DIP	Consisting of 8 NPN darlington output stages and associated common-emitter input stages Digit or segment drivers Low input current, internal output pull-down resistor High output breakdown voltage Single or split supply operation
8-Channel Source Driver	KA2580A	18 DIP	TTL, CMOS, PMOS, NMOS compatible High output current ratings Internal transient suppression Efficient input/output pin structure Drive telephone relays, incandescent lamps, and LEDS
	KA2588A	20 DIP	KA2588A: Separated logic and driver supply line
8-Bit Latch & Driver	KT8518	16 DIP	8bit addressable latched driver

† New Product †† Under Development