from General Instrument...

MOS KEYBOARD ENCODERS

General Instrument is now supplying N-KEY and 2-KEY Keyboard Encoders in production quantities. Each type is a single-chip MOS Read Only Memory containing all the logic necessary to encode single-pole, single-throw keyboard closures into usable codes. And each type is available as a standard pre-programmed device with a modified ASCII code. Quick turnaround is offered for custom patterns. Both encoders are supplied in 40 lead dual-in-line packages.

N-KEY (AY-5-3600)

N-KEY rollover operation, 90 keys, 4 modes, 10 bit output code, with:

- N-KEY lockout
- Output enable
- Pulse or level data ready output signal
- "Any Key Down" output

2-KEY (AY-5-2376)

2-KEY rollover operation, 88 keys, 3 modes, 9 bit output code, with:

- N-KEY lockout
- External control for selection of odd or even parity (when parity is programmed as one of the 9 output bits)

Both types also feature:

- Inputs/outputs directly compatible with TTL/DTL or MOS logic arrays
- Self-contained oscillator circuit
- Output data buffer register
- External data complement control
- Externally controlled delay network to eliminate the effect of contact bounce
- Programmable coding with a single mask change
- Static charge protection on all input and output terminals
- Entire circuit protected by glass passivation

For further information call the toll-free number below (In New York State call 516-733-3107) or write.

800-645-9247 [TOLL FREE]

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