

APPENDIX D (cont'd)

Name	Description	Std. Symbol	Symbols Prev. used in 7070
Read Buffer Core	Used as card scanning buffer between card reader and central processing unit.	RDB	
Shift Register Cards	Used to form shift registers capable of serial and parallel shifting.	SR	
Single Shot	Provides a monostable output which can be pulsed into its quasi-stable state for a predetermined duration, with each input triggering pulse or triggering voltage change. Once triggered, the output pulse duration becomes independent of input time duration or amplitude.	SS	
Trigger	A conditioned bi-stable device whose steady-state outputs change from one stable state to the other with two separate triggering levels, pulses, or voltage changes. The set input turns the trigger on if the reset input is not on, and vice versa.	T	

Name	Description	Std. Symbol	Symbols Prev. used in 7070
Trigger (Binary)	A trigger whose steady state outputs change upon the transition of the input, i.e., usually going plus to minus, or sometimes going minus to plus.	TB	
TC Trigger	A converter used within a trigger	TC	
(+TA Trigger)	Represent two logical halves of a trigger that is physically divided. The +TO symbol is usually applied to the SET side, TA to Reset (trigger resets with minus signals).*	TA	
(+TO Trigger)		TO	
(-TA Trigger)	Same as TO and TA except that negative triggering is used.*	-TA	
(-TO Trigger)		-TO	
Validity Check	Used for checking information bits in the 2-of-5 bit code system.	VCK	

\* Positive (+) and negative (-) signs for triggers.

A positive (+) sign indicates that to fulfill the condition stated by the title a Positive DC level, triggering pulse, or voltage change produces a Positive condition on the in-phase output lines.

A Negative DC level triggering pulse, or voltage change, produces a Negative condition on the in-phase output lines.

Appendix E. Index to Additional Cards

Card Code	Description	Part Number	Symbol	Page
AJWE	Voltage Mode Trigger 3 (CM Gates)	371424	TV	200
AJWF	Voltage Mode Trigger 3 (VM Gates)	371423	TV	200
AJWG	Voltage Mode Trigger 3 (CM Gate, VM Gate)	371422	TV	200
AJWH	Voltage Mode Trigger 3 (VM Gate, CM Gate)	371421	TV	200
AJWJ	Voltage Mode Trigger 3 (CM Gate, Reset)	371420	TV	200
AJWK	Voltage Mode Trigger 3 (VM Gate, Reset)	371419	TV	200
AJWL	Voltage Mode Trigger 3 (CM Gate, VM Reset)	371418	TV	200
AR--	Voltage Mode Trigger 1	371034	TV	202
AS--	Voltage Mode Trigger 2	371035	TV	204
AYWM	Gated Sample Pulse Driver 2 (CM, Collector Out)	371426	DSP	206
AYWN	Gated Sample Pulse Driver 2 (VM, Collector Out)	371425	DSP	206
AYWP	Gated Sample Pulse Driver 2 (CM, 6v out)	371044	DSP	206
AYWQ	Gated Sample Pulse Driver 2 (CM, 3v out)	371043	DSP	206
AYWR	Gated Sample Pulse Driver 2 (VM, 6v out)	371042	DSP	206
AYWS	Gated Sample Pulse Driver 2 (CM, 3v out)	371041	DSP	206
CA--	CTRL Three-Way NPN Translating Circuits	371026	+A	208
CB--	CTRL Three-Way PNP Translating Circuit	371027	-A	209
CC--	CTRL Three-Way NPN Non-Translating Circuits	371028	+O	210
CD--	CTRL Three-Way PNP Non-Translating Circuits	371029	-O	211
CEYB	CTRL Emitter Follower PNP	371032	DE	212
CFYA	CTRL Emitter Follower NPN	371033	DE	214

Card Code	Description	Part Number	Symbol	Page
FA--	Free Running Crystal Oscillator (100KC)	371406	Osc	216
FK--	Free Running Crystal Oscillator (64KC)	371416	Osc	216
FS--	Free Running Crystal Oscillator (240KC)	371404	Osc	216
FT--	Free Running Crystal Oscillator (360KC)	371405	Osc	216
GC--	Current Mode +N Indicator Driver	371040	DI	218
GD--	Free Running Crystal Oscillator (125KC)	371455	Osc	216
GE--	Free Running Crystal Oscillator (500KC)	371456	Osc	216
HW--	Voltage Mode Indicator Driver	371048	DI	219
KR--	Free Running Crystal Oscillator (720KC)	371457	Osc	216
KW--	Core Driver	371483	DC	220
KX--	Power Gate	371484	G	221
KZ--	Matrix Switch Driver	371482	D	222
LH--	Free Running Crystal Oscillator (667KC)	371626	Osc	216
MM--	Single Shot Timing Card 4	371624	SS	223
MN--	Single Shot Timing Card 5	371625	SS	223
MP--	Single Shot Timing Card 6	371638	SS	223
MQ--	Clamped Oscillator	371646	Osc	224
MR--	Voltage Mode Single Shot 2	371623	SS	226
ND--	CTDL Universal Delay	371573	DLY	228
NHWU	CTDL T to U Converter	371629	C	229
NJWU	CTDL U to T Converter	371630	C	230
NKWT	CTDL Emitter Follower PNP	371631	DE	231
NLWT	CTDL Emitter Follower NPN	371632	DE	232
NU--	CTDL Power Inverter NPN	371676	IP	233
RK--	Free Running Crystal Oscillator (363.4KC)	371788	Osc	216
RT--	Free Running Crystal Oscillator (75KC)	371785	Osc	216