PARTS REFERENCE

ITEM NO.	DRAWING REFERENCE	DESCRIPTION	PART NUMBER	QUANTITY
1	E1,E2	DEC 7455N	IC 19 05582	2
2	E3,E7,E8	DEC 7450N	IC 19 05580	3
3	E4,E5	DEC 7460N	IC 19 05581	2
4	E6	DEC 7402N	IC 19 09004	1
5	E9	DEC 8815A	IC 19 09713	1
6	E10	DEC 7400N	IC 19 05575	1
7	C1-C10	.01 MFD, 100V, 20%	CAP 10 01C10	10
8	C11	6.8 MFD, 35V, 20%	CAP 10 00067	1

NOTES:

1. PIN NOTATION THROUGHOUT IS ORDERED UPON MODULE PLACEMENT IN THE KA11 PROCESSOR. MODULE REFERENCE ALONE IS OBTAINED BY DELETING THE NUMBER (SLOT LOCATION) AFTER THE FIRST LETTER, AND CONVERTING THE FIRST LETTER ACCORDING TO THE PIN NOMENCLATURE CHART AT RIGHT.

2. ALL SIGNALS THAT HAVE MODULE PINS ARE SO NOTED; MULTIPLE NOTATIONS OF THE SAME SIGNALS WITHIN A MODULE HAVE THE PIN NOTED ON EACH. AN INPUT SIGNAL IS NOTED ONLY ONCE PER SHEET UNLESS SEPERATE PINS ARE USED; MULTIPLE INPUTS ARE CONNECTED. MODULE OUTPUT SIGNALS ARE BROUGHT TO THE EXTREME RIGHT OF EACH SHEET.

3. PROCESSOR SIGNAL SOURCE NOTATION (K10-2, FOR EXAMPLE) IDENTIFIES THE SIGNAL SOURCE (PRINT AND MODULE). THE FIRST NUMBER AFTER THE K INDICATES THE MODULE PRINT SET, WHILE THE SECOND INDICATES THE SHEET WITHIN THE SET. IF ON A PRINT, THE FIRST NUMBER OF THE K PREFIXES COINCIDE FOR A SIGNAL NAME AND THE PRINT (SEE TITLE BLOCK), THE SIGNAL IS GENERATED ON THE MODULE. A DIFFERENCE IN THE FIRST NUMBER OF THE K PREFIXES INDICATES A SIGNAL GENERATED OFF THE MODULE. SIGNALS WITH A "BUS" PREFIX REPRESENT A "WIRED OR" SITUATION, AND MULTIPLE SOURCES FOR THE SIGNAL CAN EXIST.

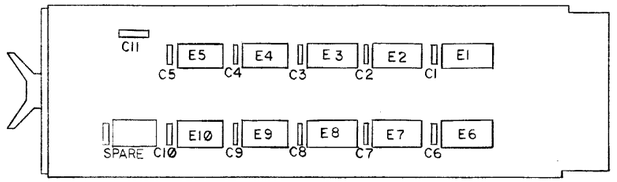
4. DETAILS ON COMPONENTS ARE NOTED IN THE PARTS REFERENCE, PLACEMENT IS NOTED IN THE COMPONENT PLACEMENT DIAGRAM.

5. GND AND +5V ARE USUALLY PIN 7 AND PIN 14, RESPECTIVELY. EXCEPTIONS ARE:

IC TYPE	GND	+5V
DEC 7481	PIN 10	PIN 4
DEC 7482	PIN 11	PIN 4
DEC 8251	PIN 8	PIN 16
DEC 8271	PIN 8	PIN 16
DEC 380	PIN 1	PIN 8
DEC 384	PIN 1	PIN 8

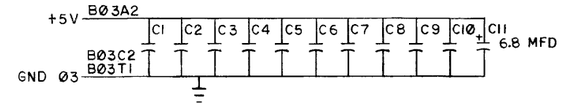
6 UNLESS OTHERWISE NOTED: RESISTANCE IS IN OHMS; CAPACITANCE IS IN PICOFARADS. CAPACITORS WITHOUT ANY NOTED VALUES ARE .01 MFD.

COMPONENT PLACEMENT



PIN NOMENCLATURE

MODULE	PROCESSOR
A	B



REVISIONS: REV | CHANGE NO. | CHK

FIRST USED ON OPTION / MODEL	QTY.	DESCRIPTION	PART NO.	ITEM NO.
PDP 11		PARTS LIST		

UNLESS OTHERWISE SPECIFIED
DIMENSION IN INCHES
TOLERANCES
DECIMALS ± .005 | FRACTIONS ± 1/64 | ANGLES ± 0°30'
FINAL SURFACE QUALITY / REMOVE BURRS AND BREAK SHARP CORNERS

MATERIAL

FINISH

DRN	R.J. LeBlanc	DATE 2/10/70
CHK'D		DATE 3-2-70
ENG.		DATE 3-6-70
PROJ. ENG.		DATE 3-6-70
MOD.		DATE 5/18/70

NEXT HIGHER ASSY: A-ML-KA11-0

SCALE

SHEET 1 OF 2

digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS

TITLE: CODES DATA

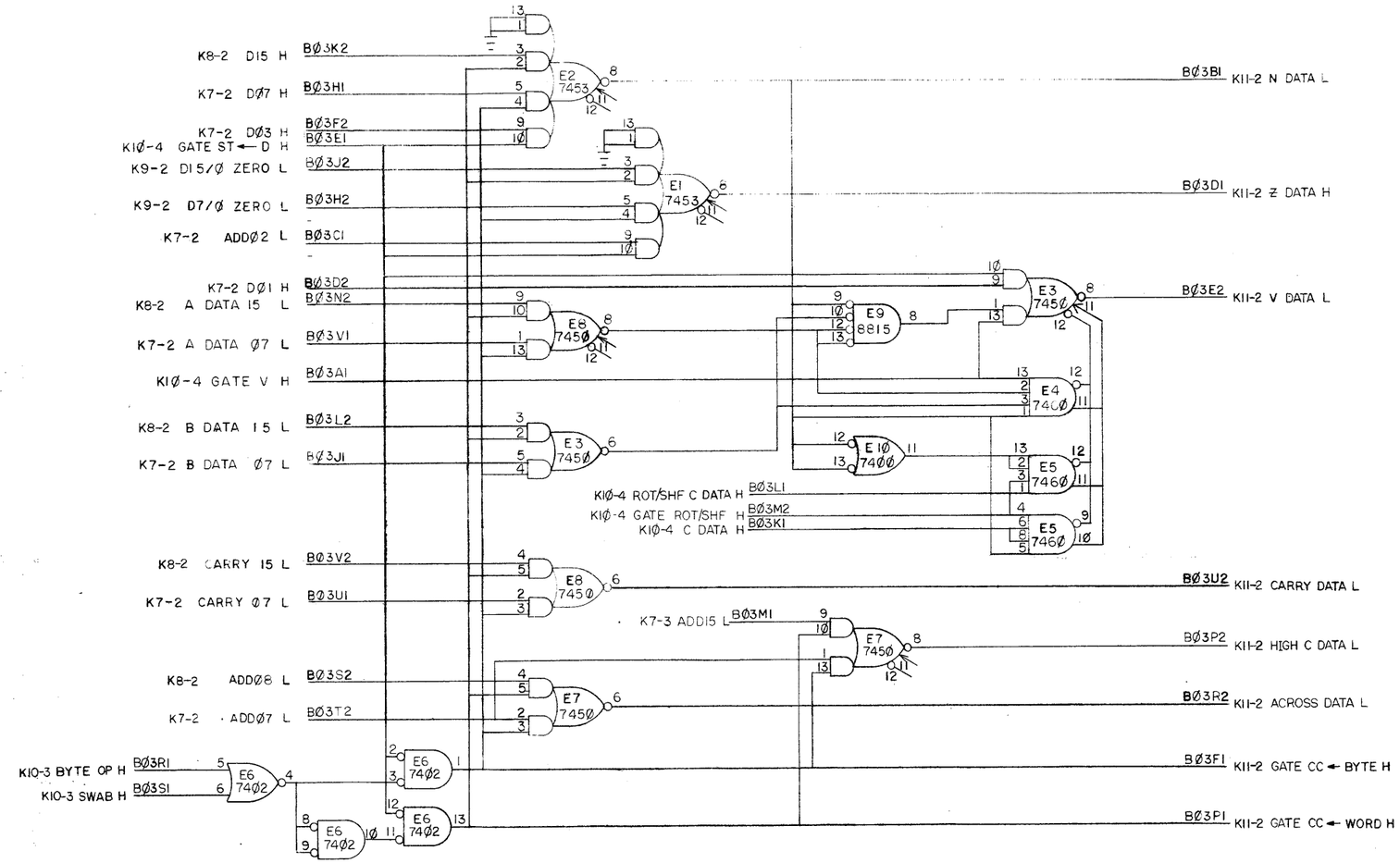
M823 KI1-1

SIZE	CODE	NUMBER	REV.
D	CS	M823-0-1	

ETCH REV. A

DIST. 3M/434/435-3

DEC FORM NO DRD 102A



FIRST USED ON OPTION/MODEL: PDP 11	QTY.	DESCRIPTION	PART NO. *	ITEM NO.	
		PARTS LIST			
UNLESS OTHERWISE SPECIFIED	DRN. Dave Lee	DATE 11-21-69	digital EQUIPMENT CORPORATION MAYNARD MASSACHUSETTS		
UNLESS OTHERWISE SPECIFIED DIMENSION IN INCHES TOLERANCES DECIMALS ± .005 FRACTIONS ± 1/64 ANGLES ± 0°30' FINAL SURFACE QUALITY ✓ REMOVE BURRS AND BREAK SHARP CORNERS	CHK'D	DATE 3/18/70	TITLE CODES DATA M820-KII-2		
	ENG.	DATE 3-6-70			
	PROJ.	DATE			
MATERIAL	PROD.	DATE	NEXT HIGHER ASSEMBLY A-ML-KAII-Ø		
FINISH			SIZE D CODE CS NUMBER M823-Ø-1 REV.		
			SCALE NONE SHEET 2 OF 2	DIST.	

REVISIONS | REV. | CHANGE NO. | CHK

DEC FORM NO. DRD 102A

SIZE D CODE CS NUMBER M823-Ø-1 REV.