

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25
	1316-22221	1609	6310	6310	6105	6123-16	6102-333	6133/6113	1260	1609	5182		1609	1260	6133/6113	1609	1316-22222	6105	6133/6113-01	1316-32222	1609	1609	6106	
	FAT 1	FAT 7	FAT 6	FAT 3	FAT 5 ELF	CHF7	FAT 5A		FMT 0	MP T0	CHF 1		CHT 3		CHT 1	CHT 1	CHT 2	CHT 8	CH LOAD	DCT 1	DCT 1	DST 13	DST 21	
	FAT 7	FAT 8			FAT 6	CHF7	FMT 0	FAT 0	FMT 0B	MP T1	CH INC OP		CHT 4	CHT 4A	CHT 4	CHT 2	CHT 6	CHT 8B	ELF	LCT 0	DCT 2	DCT 2	DST 21	DST 21A
	FAT 8	FAT 5			HJK		FAT 0			MP T2	CHF 7		CHT 5		CHT 5	CHT 8	CHT 8	CH INC OP	HJK	LCT 0	DCT 3	DCT 3	MB LT=0	DST 14
	FAT 5	FAT 6			MNP	ARB=SC0	FPT 0.1	FM T0	FDT 0A	MP CLR	CHF 5		CHT 6		CHT 6	CHT 9	CHT 9	SHT 1	MNP	DCT 0	DST 7	SHT 1	DST 14B	DST 15
	FAT 18	FAT 0			MPF 2		FAT 0	FD T0		MP CLR A	CHF 5		CHT 6		CHT 6	CHT 9	CHT 9	STU	STU	DCT 0	DST 7	SHT 1	DST 14B	DST 15
	FAT 8A	FDT 0			STU		CHF 7	MP T0	FDT 0B	MP CLR A	CHF 5		CHT 7		CHT 7	CHT 9	CHT 9	CH INC OP	CH INC OP	DCT 0	DST 7	SHT 1	DST 14B	DST 15
					WXY	SC COM	CHF 7	MP T0	FDT 0B	MP CLR A	CHF 5		CHT 7		CHT 7	CHT 9	CHT 9	CH INC OP	CH INC OP	DCT 0	DST 7	SHT 1	DST 14B	DST 15
					FAT 6 R	DS DIV T0	MP T0	MP T0	FDT 0B	MP CLR A	CHF 5		CHT 7		CHT 7	CHT 9	CHT 9	CH INC OP	CH INC OP	DCT 0	DST 7	SHT 1	DST 14B	DST 15
					SC0-2=7 V	SC0-2=7	MPF 2	MPF 2	FDT 0B	MP CLR A	CHF 5		CHT 7		CHT 7	CHT 9	CHT 9	CH INC OP	CH INC OP	DCT 0	DST 7	SHT 1	DST 14B	DST 15
					Z																			
					6116	6135-01/6115-01	6609	6116	6116	1609	6122-60	6105-03	6603	6124-14	6603	6122-26	1609	1316-220002	6124-R	6106	6102-110	1609	1316-23212	1316-20000
					CFAC MB(J) MQ(J)		CFAC MB(J) MQ(J)	CFAC AR NEGATE	CFAC AR NEGATE	CFAC AR SH RT	CFAC AR SH RT	DST 17A	CFAC MQ SH RT	CFAC AR SH RT	CFAC AR SH RT	CF	DST 20	FAT 9		DST 17	DST 10	DST 14	DST 16	DST 19B
							CFAC MB(J) MQ(J)	CFAC AR NEGATE	CFAC AR NEGATE	CFAC AR SH RT	CFAC AR SH RT	MBLT=0	CFAC MB(J) MQ(J)	CFAC MQ SH RT	CFAC MQ SH RT	CFAC MQ SH RT	DST 19	FDT 1	DSF 5	DST 17	DSF 7 MQ	DST 15	DST 17	
								CFAC AR ADD	CFAC AR ADD	CFAC AR SH RT	CFAC AR SH RT		CFAC MQ SH RT	CFAC MQ SH RT	CFAC MQ SH RT	CFAC MQ SH RT	DST 19	FDT 1	DSF 5	DST 18	DST 14B	DST 16	DST 20	
							CFAC AR ADD	CFAC AR ADD	DS DIV T0	CFAC AR SH RT	CFAC AR SH RT	CFAC AR SH RT	CFAC MQ SH RT	CFAC AR SH RT	CFAC AR SH RT	CFAC AR SH RT	DST 19B		DSF 6	DST 18	CFAC AR SHLT	MB LT=1R(1)	DST 21	
							CFAC AR COM	CFAC AR SUB	FAT 8A	CFAC AR SH RT	CFAC AR SH RT	CFAC AR SH RT	CFAC MQ SH RT	CFAC MQ SH RT	CFAC MQ SH RT	CFAC MQ SH RT	DST 10A	DSF 7	DST 19	DST 14	CFAC AR SHLT	DS CLR	AR=0	
							SH AC2	CFAC AR COM	CFAC AR SUB	FAT 9	HWT AR=0	HWT AR=0	CFAC AR SH RT	CFAC MQ SH RT	CFAC MQ SH RT	CFAC MQ SH RT	DST 10B	DST 10B	DST 19	DST 19	DCT 0B	CFAC OVERFLOW	MB=0	
	6102-77	6151-377	6151-377	6151-377	6155R	6155R		6135R/6118R	6122-57	6105-R	6135R/6118R	6135R/6118R	6123-40		6117R	6105	6117R	6117R	6102-374	6133-76/6113-76	6118-2	6135-16/6115-16	6117R	
	IR FWT	BOOLE	BOOLE			IR FAL FSB, FMP, FDV		IR FP	IR IR-17=0	MB AR(J) (ET 0)	MB(J) AR(J) (ET 4)		MQ35/MB0		CFAC MQ SHLT ELF	AR=0 (ET 0)	AR SUB	CH INC OP	AR COM (ET 5)			ST 7	AR=0 (ET 1)	
	IR MULT			ACCPV MEM AC				IR MD F C(E)	IR FDV						HJK		CH INC OP	CH INC OP	AR COM (ET 7)		AR SBR			
	IR DIV							IR MD F C(E)	IR FDV						MNP	AR MB(0) (ET 1)	AR+1 LT RT	CH LOAD	AR MB LT(J) (ET 4)					
	IR SH			AC MB				IR MD	IR MD	MB AR(0) (ET 1)	MB LT RT(J) (ET 0)				DST 10A		CH DEP	CH DEP	AR MB RT(J) (ET 4)					
	IR 25X							HWT LT SET	IR FP						STU		CH DEP	CH DEP	AR ADD					
	IR JP							JP JMP		MB PC(1) (ET 6)	MB LT RT(J) (ET 1)				DST 10B	WXY	CFAC OVERFL	CFAC OVERFL						
	IR AS								HWT RT SET	IR MD SAC 2					DST 10B V	AR MB (ET 1)	AR-1	CFAC OVERFL	CFAC OVERFL					

NOTES:
 1. 6113'S ARE INTERCHANGEABLE WITH 6133'S. THE 6133 IS PREFERRED.
 2. 6115'S ARE INTERCHANGEABLE WITH 6135'S. THE 6135 IS PREFERRED.

W 303	V 205	U 203	T 178	S 163	R 158	P 151	N 118	M 109	L 102	K 102	J 102	I 102	H 102	G 102	F 102	E 102	D 102	C 102	B 102	A 102
3/14/64	3/14/64	3/14/64	3/14/64	3/14/64	3/14/64	3/14/64	3/14/64	3/14/64	3/14/64	3/14/64	3/14/64	3/14/64	3/14/64	3/14/64	3/14/64	3/14/64	3/14/64	3/14/64	3/14/64	3/14/64

REVISIONS	DATE	BY
1	3/23/63	R. WATSON
2	3/20/63	B. CALBURN
3	3/20/64	B. CALBURN
4	3/20/64	B. CALBURN
5	3/20/64	R. SAVELL

ISSUED

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TITLE
UTILIZATION
MODULE LIST ID, E & F
FOR ARITH. PROC 166

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EQUIPMENT
CORPORATION
MAYNARD, MASSACHUSETTS

ASSY NO
SHEET 1 OF 1

CODE UML DRWG NO. D-1661-15 REV. LTR. W
DIST.