

MULTIPLY POWER SUPPLY

MODEL MPS-1

REV

TITLE

USED ON

MODEL SECTION

MSGA-1

MSGC-1

LIST SECTIONS

1. SUPPORTING NOTES
2. SUPPORTING LISTS
3. ELECTRICAL/MECHANICAL
4. SUPP ASSY/REF DWGS
5. SPECIFICATIONS
6. LOOSE ITEMS
7. PARTS PECULIAR

SYMBOL SERIES -6080

LAST SYMBOLS

C6081 R6084  
CR6084 T6080  
DS6081 XDS6080  
F6080 XF6080  
J6081 XQ6080  
Q6081

MISSING SYMBOLS

NONE

NOTE 1. THE FOLLOWING SYMBOL, #, IN THE REMARKS COLUMN INDICATES THAT THE PART NUMBER IMMEDIATELY FOLLOWING IT IS THE TMC PROPRIETARY MANUFACTURING DRAWING FOR THE CORRESPONDING NUMBER IN THE PART NUMBER COLUMN.

SHEET NO.

SEE BELOW

NONE REQ

1-4

5

6

7

NONE REQ

COMPILED H. HARMIN  
CHECKED J. SABATINO  
APPROVED T. AALTONEN *PKC*  
FNL APPR *Sabatino*  
ISS DATE 9-22-64

NOTE 2. ALL ITEMS REFERENCED TO THIS NOTE SHALL BE OMITTED WHEN THIS UNIT IS USED AS PART OF A SYSTEM.

**MATERIAL LIST /  
NUMERICAL PARTS LIST**

REV.

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SHEET 1 OF 7

PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
A3412-1	TERM. BD ,MACH	A3412-2			1		
A3412-2	TERM. BD ,MKG	A3412-3			1		
A3412-3	TERM. BD ,SUBASSY	A3412-4			1		
BI101-1820	LAMP ,INCAND	A3381			1	DS6080	
BS100	SOLDER ,TIN ALY	A3412-4 CA859					
CD101-1MW	CD,NYLON ,LACING	CA859					
CE112-2	CAP. ,FXD ,ELECT.	A3382		1		C6080	
		A3382		1	2	C6081	
CU139-2B	FRL ,HDL	A3381			4		
CU145-A1	RET. ,CAP.	A3382			2		
FH104-7	FUSEHOLDER ,IND	A3381			1	XF6080	R6084 DS6081
FU102-.250	FUSE ,CTG ,1/4 A	A3381			1	F6080	
HA102-11BN	HDL ,BOW	A3381			2		
JJ175	CONN ,RECP ,ML ,AC	A3382			1	J6081	3/C ,TWLK
JJ200-1	CONN ,RECP ,FML	A3382			1	J6080	
LD1440/MS3657	PNL ,FRONT	A3381			1		
LD1441/MS3658	CHAS ,MAIN	A3382			1		
LWE02MRN	WASH. ,LK ,EXT	A3382			2		

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
LWE04MRN	WASH. ,LK,EXT	A3382			4		
LWE06MRN	WASH. ,LK,EXT	A3382			14		
LWI06MRN	WASH. ,LK,INT	A3380			8		
MS 3657	PNL,FRONT	LD1440			1		MACH
MS 3658	CHAS ,MAIN	LD1441			1		MACH
MS 3659	COV ,TOP/BOTTOM	A3380			2		
MWC22(7)U0	WIRE ,ELEC ,INS	CA859			16		BLK
MWC22(7)U2	WIRE ,ELEC ,INS	CA859			38		RED
MWC22(7)U3	WIRE ,ELEC ,INS	CA859			25		ORN
MWC22(7)U4	WIRE ,ELEC ,INS	CA859			41		YEL
MWC22(7)U8	WIRE ,ELEC ,INS	CA859			21		GY
MWC22(7)U92	WIRE ,ELEC ,INS	CA859			16		WHT/RED
MWC22(7)U93	WIRE ,ELEC ,INS	CA859			34		WHT/ORN
MWC22(7)U94	WIRE ,ELEC ,INS	CA859			24		WHT/YEL
MWC22(7)U98	WIRE ,ELEC ,INS	CA859			21		WHT/GY
NP102-63	PLATE ,IDENT,COML	A3381			1		
NT129-632-4	NUT ,PLN ,SPLINE	MS3658			12		RD
NT129-1032-4	NUT ,PLN ,SPLINE	MS3658			4		RD

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
NTH0256BN6	NUT, PLAIN, HEX	A3382			2		
NTH0440BN8	NUT, PLAIN, HEX	A3382			4		
NTH0632BN8	NUT, PLAIN, HEX	A3382			10		
PL176	CONN, PLUG, FML, AC	CA555-4			1		NOTE 2
PL 218	CONN, PLUG, ML, AC	CA555-4			1		NOTE 2
PX104-1-034	INS SLVG, SZ 20	A3412-4			2		BLK
RC32GF22ZK	RES, FXD, COMP	A3412-4			1	R6083	
RC42GF100K	RES, FXD, COMP	A3412-4		1		R6081	
		A3412-4		1	2	R6082	
RC42GF101K	RES, FXD, COMP	A3412-4			1	R6080	
SCBP0256BN6	SCR, MACH	A3382			2		
SCBP0440BN5	SCR, MACH	A3382			4		
SCBP0632BN5	SCR, MACH	A3380		8			
		A3382		10	18		
SCBP0632BN7	SCR, MACH	A3380			4		
SCFP1032BN8	SCR, MACH	A3381			4		
SFB0256SN3	SCR, TAP., THD CTG	A3381			4		
TE104-2	TERM., LUG, LKG	A3382			2		NO. 6
TE104-4	TERM., LUG, LKG	A3382			4		NO. 10

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PART NO.	DESCRIPTION ELECTRICAL/MECHANICAL	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
TE108-12	NUT,PLAIN,CLINCH	A3412-3			4		
TE149-120	TERM. ,LUG,NO.4	A3382			1		
TE149-144	TERM. ,LUG,NO.6	A3382			2		
TE202-2	TERM. ,STUD ,FDTHR	A3412-3			16		
TF269	XMFR,PWR,SD	A3382			1	T6080	
TS106-1	LIGHT,IND,RED	A3381			1	XDS6080	
TS166-1	SOC,SCOND DEV	A3382			1	XQ6080	
WI134-6-12	CBL,PWR,3/C,CLD	CA555-4			1		NOTE 2
WL100-6	WIRE,ELEC,BUSS	A3412-4			10		SZ 20
1N1692	SCOND DEV,DIO	A3412-4		1		CR6080	
		A3412-4		1		CR6081	
		A3412-4		1		CR6082	
		A3412-4		1	4	CR6083	
1N2988B	SCOND DEV,DIO	A3382			1	CR6084	
2N350A	TRANSISTOR	A3382			1	Q6080	

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PART NO.	DESCRIPTION SUPP ASSY/REF DWGS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
A3380	MPS-1 FNL ASSY	MPS-1			1		
A3381	PNL ASSY,FR	A3380			1		
A3382	CHAS ASSY	A3380			1		
A3412-4	TERM. BD, FNL ASSY	A3382			1		
CA859	WRG HARN, BRCHD	A3382			1		
CH331	CHART, UNIT BKDN	MPS-1			1		
CK714	DIAG, SCHEM	MPS-1			1		

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PART NO.	DESCRIPTION SPECIFICATIONS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
S113	FUNGUS PROOFING	A3412-2					
S114	ZN CHROMATE PRM	MS3657					
S115	ENAM, SMOOTH GY	MS3657					
S404	IRIDITE, YEL	MS3657					
		MS3658					
		MS3659					
S820	TEST PROC	MPS-1			1		

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PART NO.	DESCRIPTION LOOSE ITEMS	ITEM LOCATION			QTY. PER UNIT	REFERENCE SYMBOLS	REMARKS
		USED ON ASSEMBLY	USED TO MOUNT	QTY. PER USED TO MOUNT			
CA555-4	CBL ASSY,PWR,AC	MPS-1			1		3/C,CLD NOTE 2