

4052/4054 VERSION 4.3 FIRMWARE

Version 4.3 firmware is now being shipped in 4052s and 4054s. Listed in Figure 1 is a table showing the ROM checksums using the Diagnostic ROM Pack for all firmware levels previously and currently shipped in 4052s and 4054s.

To check system ROM checksums without the patches, remove the even and odd FPLA's - U485 and U863.

The serial number breaks for level 4.3 firmware are:

4052 - B024078 and up
4054 - B011753 and up

The MAS Board changes from a 670-6030-04 to a 670-6030-06 with 32K RAM memory and from 672-0799-03 to 672-0799-04 with 64K RAM memory.

The parts numbers for version 4.3 kits are:

050-1402-01 to upgrade from 4.1 or 4.2 to 4.3
050-1282-03 to upgrade from 2.1, 3.1 or 3.2 to 4.3

This is not a Service Update Program; customers that are on maintenance agreement, warranty or rental will not be charged for the upgrade. All other customers will be charged as follows. If the MAS board is exchanged, the upgrade is included in the exchange price. If the customer wants the upgrade, the customer pays the 050 kit price plus labor and travel.

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(Diagram on article continued on the following page)

4052/4054 VERSION 4.3 FIRMWARE (CONTINUED)

IC	PART NUMBER	V2.1			V3.1			V3.2			V4.1			V4.2			V4.3		
		P/N LEVEL	WITH PATCH	WITHOUT PATCH	P/N LEVEL	WITH PATCH	WITHOUT PATCH	P/N LEVEL	WITH PATCH	WITHOUT PATCH	P/N LEVEL	WITH PATCH	WITHOUT PATCH	P/N LEVEL	WITH PATCH	WITHOUT PATCH	P/N LEVEL	WITH PATCH	WITHOUT PATCH
U810	160-0260	01	B883	B883	01	4A4E	B883	01	4A4E	B883	02	5B67	267D	02	5B67	267D	02	5B67	267D
U820A	160-0261	01	E396	E396	01	E396	E396	01	E396	E396	02	3EAB	3EAB	02	3EAB	3EAB	02	3EAB	3EAB
U820B	160-0261	01	8C00	D684	01	E306	D684	01	E306	D684	02	E7C8	988E	02	12A0	988E	02	00F1	988E
U825	160-0262	01	A091	1AF1	01	0468	1AF1	01	0468	1AF1	02	D098	88A8	02	D098	88A8	02	7403	88A8
U835	160-0263	01	75A8	00DE	02	E810	D515	02	E810	D515	03	0CA2	9254	03	27B0	9254	03	241B	9254
U870A	160-0264	01	C1FA	C1FA	01	C1FA	C1FA	01	C1FA	C1FA	02	7132	7132	02	7132	7132	02	7132	7132
U870B	160-0264	01	EC8B	4383	01	C5D9	4383	01	C5D9	4383	02	04C8	4383	02	026A	4383	02	95BC	4383
U880	160-0265	01	876A	9E7B	01	92BB	9E7B	01	92BB	9E7B	02	E7F0	AF39	02	E7F0	AF39	02	3FE5	AF39
U885	160-0266	01	641A	030C	02	1344	593F	02	1344	593F	03	2E15	7369	03	97C6	7369	03	026F	7369
U893	160-0267	01	FABF	FABF	01	0613	FABF	01	0613	FABF	02	CB18	CB18	02	1F38	CB18	02	1F38	CB18
U805A	160-0340	00	1E52	XXXX	01	5007	XXXX	03	B9D1	XXXX	02	9407	XXXX	04	98AC	XXXX	05	68D3	XXXX
U805B	160-0340	00	XXXX	XXXX	01	XXXX	XXXX	03	XXXX	XXXX	02	XXXX	XXXX	04	XXXX	XXXX	05	XXXX	XXXX
U897A	160-0341	00	97F7	XXXX	01	B742	XXXX	01	B742	XXXX	02	F080	XXXX	03	C7CD	XXXX	04	4A20	XXXX
U897B	160-0341	00	XXXX	XXXX	01	XXXX	XXXX	01	XXXX	XXXX	02	XXXX	XXXX	03	XXXX	XXXX	04	XXXX	XXXX
U845	160-0379	00	XXXX	XXXX	01	XXXX	XXXX	01	XXXX	XXXX	02	XXXX	XXXX	03	XXXX	XXXX	04	XXXX	XXXX
U863	160-0380	00	XXXX	XXXX	01	XXXX	XXXX	01	XXXX	XXXX	02	XXXX	XXXX	03	XXXX	XXXX	04	XXXX	XXXX

XXXX NOT APPLICABLE

Editor ROMPAK 4052/54 R06	4052/54 Option 10	Printer Interface	(PROM)	Level 1.0
U1 160-0268-00 2D58	U100 160-0342-01	F578	(ROM)	Level 1.0
SPS ROMPAK #1 4052/54 R07	U100 160-0342-01	IECA		
U1 160-0278-00 B6B3	4042/54 Tapesend Enhancement ROMPAK			
SPS ROMPAK #2 4052/54 R08	U100 160-0870-00	72FF		Level 1.0
U1 160-0348-00 FF43	4052/54 Diagnostic ROMPAK			
Real Time Clock ROMPAK 4052/54 R09	U101 160-0381-00			
U21 160-0762-00 B257	U111 160-0382-00	C08A	(1 CRC for both)	Level 1.0
U21 160-0762-01 968D	U101 160-0381-01			
4907 File Manager ROMPAK	U111 160-0382-01	D4B6	(1 CRC for both)	Level 1.4
U1 160-0279-00 C5C4				