

```
100: # PROM PROGRAMMER FOR ROM_WRITER-3;
110: # PROM_WRITER_05_7.TXT
111: # RAM SOURCE AREA ($2000-$27FF);
112: # FOR PROM 2716 2KB;
115: # FOR CI-2, PERSEUS-8, PERSEUS-9;
120: # 2023/04/05;
130: # MITSURU YAMADA;
200: #####;
210: 900!
250: # ---- MAKE OFFSET ADDRESS ----;
260: A=B C+;
266: C
280: # ---- READ MEMORY DATA ----;
290: D=A$;
370: # ---- CONV ADDRESS TO BINARY AND OUT -----;
380: J=C;
390: N=0;
410: G=J 2/)I;
415: K=1;
420: J G 2*- 0?= K=0;
425: P$=K;
430: P$=K 2+;
435: N=N 1+;
440: J=G;
450: J 0?> 410!
460: N 11?= 505!
480: P$=0;
482: P$=2;
490: N=N 1+;
500: N 11?< 480!
505: P$=0;
580: # ---- CONV DATA TO BINARY AND OUT ----;
590: N=0;
610: G=D 2/)I;
615: K=1;
620: D G 2*- 0?= K=0;
625: P$=K;
630: P$=K 2+;
635: N=N 1+;
640: D=G;
650: D 0?> 610!
660: N 8?= 705!
680: P$=0;
682: P$=2;
690: N=N 1+;
700: N 8?< 680!
705: P$=0;
710: # ---- PGM PULSE ----;
720: P$=4;
725: # ---- 75 MILL SEC CONST ----;
730: T=2;
740: T=T 1-;
750: T 0?> 740!
760: P$=0;
810: # ---- INC ADDRESS COUNT ----;
820: C=C 1+;
830: C 2048?< 260!
835: #PROGRAMMING COMPLETE
837: # ---- EXECUTION END ----;
840: 80$=0;
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900: # ---- INITIALIZE PROCESS ----;
901: #SET PROM IC, PUSH ANY KEY TO CONTINUE;;
902: 32768$ 2?= 902!
903: 32769$;
904: #
910: # ---- RESET PARALLEL PORT ----;
912: P=16384;
914: P$=0;
916: #TURN ON SW1, PUSH ANY KEY TO START;;
920: 32768$ 2?= 920!
922: 32769$;
924: #
928: C=0;
930: # ---- BEGIN ADDRESS ($2000) ----
932: B=8192;
950: 250!
960: # ---- PROGRAM END ----;
```