

(het snelst)

Deze routine leest 17
regels in kaart
\$C000 uit \$FB en \$FC
(ook 65 breed bijv.)

READY.

```
10 SYS36864
20 .OPT N,00
30 *=8192
40 ;*****
42 SEI
44 LDA #$00:STA $FB
46 LDA #$C0:STA $FC
48 :
50 READ JSR SCREEN:INC $FB:JMP READ
100 SCREEN CLD
102 ;
103 ;
104 ;*****
110 LDA $FB:STA $02
120 LDA $FC:STA $03
130 LDA #$00:STA $FD
140 LDA #$04:STA $FE
147 LDA #$3D:WAIT CMP $D012:BNE WAIT
150 LDX #17 ;NUMBER OF LINES
160 LOOP2 LDY #$27
170 LOOP LDA ($FB),Y:STA ($FD),Y
180 DEY:BPL LOOP
190 CLC:LDA $FB:ADC #$28:STA $FB
200 BCC NOINC1:INC $FC
229 NOINC1 CLC:LDA $FD:ADC #$28:STA $FD
230 BCC NOINC2:INC $FE
250 NOINC2 DEX:BNE LOOP2
260 LDA $02:STA $FB
270 LDA $03:STA $FC
280 RTS
290 ;*****
292 ;
293 ;
```

READY.

rotierend scollen von chars
data
in 4 richtungen

east	.,2000	A2	00	LDX	##00
	.,2002	BD	00 30	LDA	\$3000,X
	.,2005	18		CLC	
	.,2006	6A		ROR	
	.,2007	90	02	BCC	\$200B
	.,2009	09	80	ORA	##80
	.,200B	9D	00 30	STA	\$3000,X
	.,200E	E8		INX	
	.,200F	E0	08	CPX	##08
	.,2011	D0	EF	BNE	\$2002
	.,2013	60		RTS	
	.,2014	AD	00 30	LDA	\$3000
	.,2017	48		PHA	
up north	.,2018	A2	00	LDX	##00
	.,201A	BD	01 30	LDA	\$3001,X
	.,201D	9D	00 30	STA	\$3000,X
	.,2020	E8		INX	
	.,2021	E0	08	CPX	##08
	.,2023	D0	F5	BNE	\$201A
	.,2025	68		PLA	
	.,2026	8D	07 30	STA	\$3007
	.,2029	60		RTS	
	.,202A	A2	00	LDX	##00
	.,202C	BD	00 30	LDA	\$3000,X
	.,202F	18		CLC	
	.,2030	2A		ROL	
west	.,2031	90	02	BCC	\$2035
	.,2033	09	01	ORA	##01
	.,2035	9D	00 30	STA	\$3000,X
	.,2038	E8		INX	
	.,2039	E0	08	CPX	##08
	.,203B	D0	EF	BNE	\$202C
	.,203D	60		RTS	
	.,203E	AD	07 30	LDA	\$3007
	.,2041	48		PHA	
	.,2042	A2	06	LDX	##06
	.,2044	BD	00 30	LDA	\$3000,X
	.,2047	9D	01 30	STA	\$3001,X
	.,204A	CA		DEX	
south	.,204B	10	F7	BPL	\$2044
	.,204D	68		PLA	
	.,204E	8D	00 30	STA	\$3000
	.,2051	60		RTS	
	.,2052	00		BRK	