

Control-store-Groups

NAF-F1-F2-F3-F4-F5 (total bits = 21 bits)

F1

000: NO TRANSFER

001: PCin-Bus

010: PCin-inc

011: Zin

100: SRCin

101: Rsrc-in

110: Rdst-in

111: MDR-in

F2

00: NO TRANSFER

01: MARin

10: Yin

11: IR-in

F3

000: NO TRANSFER

001: Rdst-out

010: Rrsc-out

011: MDR-out

100: MAR-out

101: Zout

110: Pcout

111: Source-out

F4

00: NO TRANSFER

01: Read

10: Write

11: IRout-address

F5

00000 SUB/CMP

00001 ADD

00010 ADC

00011 MOV

00100 SBC

00101 AND

00110 OR

00111 Xnor

01000 INC
01001 DEC
01010 CLR
01011 INV
01100 LSR
01101 ROR
01110 RRC
01111 ASR
10000 LSL
10001 ROL
10010 RLC