



FAF LOGICAL FUNCTION CONTROLLED BY 4 CONSECUTIVE PARAMETERS IN G64

P/N) CO: BIT 15: 0 = STATIC OPERATION, 1 = DYNAMIC OPERATION

P/N) CO: BIT 14: 1 = ENABLE EXTERN COMMAND MODIFIER, 0 = DISABLE EXTERN COMMAND MODIFIER

P/N) CO: BIT 13: ENABLE B-FIELD RATE - MODIFIABLE BY EXTERN COMMAND (DAF=1)

P/N) CO: BIT 12: ENABLE POSITION RATE - MODIFIABLE BY EXTERN COMMAND (DAF=0)

P/N) CO: BIT 11-10: SLOPE COEFFICIENT TABLE NUMBER FOR VECTORING (0..3)

P/N) CO: BIT 9-8: MODIFIABLE BY EXTERN COMMAND (DAF=1,0)

P/N) CO: BIT 7-6: SLOPE COEFFICIENT TABLE NUMBER FOR LOADING (0..3)

P/N) CO: BIT 5-4: SLOPE COEFFICIENT TABLE NUMBER FOR UNLOADING (0..3)

P/N) CO: BIT 3-2: START VALUES ARE ALWAYS UPDATED, REGARDLESS OF STATIC/DYNAMIC ETC.

P/N) CO: BIT 7-0: UNUSED

P/N) CD: BIT 6-0: HIGH 7 BIT OF MULTIPLIER CONSTANT (0..127)

P/N+1) CO: PRESALER MAX VALUE (2..6096)

P/N+1) CD: LOW 16 BIT OF MULTIPLIER CONSTANT (0..65535)

P/N+2) CO: SET COUNTER VALUE (0..2047)

P/N+2) CD: SET PRESALER VALUE (0..PRESALER MAX VALUE-1)

P/N+3) CO: SET LATCH VALUE HIGH (=LATCH BIT 30..45 (=16 MSB OF OUTPUT))

P/N+3) CD: SET LATCH VALUE LOW (=LATCH BIT 14..29)

STATUS CAN BE READ IN CORRESPONDING STATUS PARAMETERS

EXTERN COMMAND MODIFIER FROM DAF:

DAF BIT 2:	0	1 = LOAD START VALUES
DAF BIT 1:	ENABLE B-FIELD RATE	TABLE SELECT BIT 1
DAF BIT 0:	ENABLE POSITION RATE	TABLE SELECT BIT 0

STROBED IN BY DAF BIT 7 IF EXTERN COMMAND MODIFIER ENABLED.