

Legend:

Green = Commonly used

SPS = quick access parameters

Advised to use

Extra attention

Not available

iC5 - parameter settings

M100 - parameter settings

[DRV]	Default	Unit	Code	Parameter	Default	Unit
0 = Cmd. freq	0.00	Hz	SPS	0	Cmd. freq	0.00 Hz
1 = ACC	5.0	sec	SPS	1	ACC	5.0 sec
2 = DEC	10.0	sec	SPS	2	DEC	10.0 sec
3 = DRV	CMD_KPD		SPS	3	DRV	Terminal-1
4 = FRQ	FREQ_DIG1		SPS	4	FRQ	Keypad-1
5 = ST 1	10.00	Hz	BA	50	ST 1	10.00 Hz
6 = ST 2	20.00	Hz	BA	51	ST 2	20.00 Hz
7 = ST 3	30.00	Hz	BA	52	ST 3	30.00 Hz
13 = DRC	Forward		DR	20	DRC	Forward
[FU1]						
F 1 = Run Prohibit	None		AD	9	Run Prohibit	None
F 2 = ACC Pattern	Linear		AD	1	ACC Pattern	Linear
F 3 = DEC Pattern	Linear		AD	2	DEC Pattern	Linear
F 4 = Stop Method	Decel		AD	8	Stop Method	Decel Stop
F 8 = DcBr freq	5.00	Hz	AD	17	DcBr freq	5.00 Hz
F 9 = DcBlk time	0.1	sec	AD	14	DcBlk time	0.00 sec
F 10 = DcBr value	0.5		AD	16	DcBr value	50
F 11 = DcBr time	0.1	sec	AD	15	DcBr time	1.0 sec
F 12 = DcSt value	0.5		AD	13	DcSt value	50
F 13 = DcSt time	0	sec	AD	12	DcSt time	0.0 sec
F 14 = PreExTime	0.1	sec		n.a.		
F 20 = Jog Freq	10.00	Hz	DR	11	Jog Freq	10.00 Hz
F 21 = Max Freq	60.00	Hz	SPS	8	Max Freq	60.00 Hz
F 22 = Base Freq	60.00	Hz	SPS	7	Base Freq	60.00 Hz
F 23 = Start Freq	0.50	Hz	DR	19	Start Freq	0.50 Hz
F 24 = Freq Limit	No		AD	24	Freq Limit	No
F 25 = High Freq	60.00	Hz	AD	25	Low Freq	0.50 Hz
F 26 = Low Freq	0.50	Hz	AD	26	High Freq	60.00 Hz
F 27 = Trq Boost	Manual		DR	15	Trq Boost	Manual
F 28 = Fwd Boost	0.5		SPS	10	Fwd Boost	4.0
F 29 = Rev Boost	0.5		SPS	11	Rev Boost	4.0
F 30 = VF Pattern	Linear		BA	7	VF Pattern	Linear
F 31 = User Freq1	15.00	Hz	BA	41	User Freq1	15.00 Hz
F 32 = User Volt 1	0.25		BA	42	User Volt 1	25
F 33 = User Freq 2	30.00	Hz	BA	43	User Freq 2	30.00 Hz

F 34 = User Volt 2	0.5		BA	44	User Volt 2	50	
F 35 = User Freq 3	45.00	Hz	BA	45	User Freq 3	45.00	Hz
F 36 = User Volt 3	0.75		BA	46	User Volt 3	75	
F 37 = User Freq 4	60.00	Hz	BA	47	User Freq 4	60.00	Hz
F 38 = User Volt 4	1		BA	48	User Volt 4	100	
F 39 = Volt Perc	100		BA	19	InputVol 200	220	
F 40 = Energy save	0		AD	51	Energy save	0	
F 50 = ETH select	0		PR	40	ETH select	No	
F 51 = ETH 1min	1.5		PR	42	ETH 1min	150	
F 52 = ETH cont	1		PR	43	ETH cont	100	
F 53 = Motor type	Self-Cool		PR	41	Motor type	Self-Cool	
F 54 = OL level	1.5		PR	18	OL level	150	
F 55 = OL time	1	sec	PR	19	OL time	10.0	sec
F 56 = OLT select	1		PR	20	OLT select	Yes	
F 57 = OLT level	1.8		PR	21	OLT level	180	
F 58 = OLT time	6	sec	PR	22	OLT time	60.0	sec
F 59 = Stall prev.	b000		PR	50	Stall prev.	b000	
F 60 = Stall level	1.5		PR	52	Stall level	150	
[FU2]							
H 6 = Fault Clear	No		PR	96	Fault Clear	No	
H 7 = Dwell freq	5.00	Hz	AD	20	Dwell freq	5.00	Hz
H 8 = Dwell time	0	sec	AD	21	Dwell time	0.0	sec
H 10 = Jump freq	No		AD	27	Jump freq	No	
H 11 = jump lo 1	10.00	Hz	AD	28	jump lo 1	10.00	Hz
H 12 = jump Hi 1	15.00	Hz	AD	29	jump Hi 1	15.00	Hz
H 13 = jump lo 2	20.00	Hz	AD	30	jump lo 2	20.00	Hz
H 14 = jump Hi 2	25.00	Hz	AD	31	jump Hi 2	25.00	Hz
H 15 = jump lo 3	30.00	Hz	AD	32	jump lo 3	30.00	Hz
H 16 = jump Hi 3	35.00	Hz	AD	33	jump Hi 3	35.00	Hz
H 17 = Curve Time	0.4		AD	3	Scurve start	40	
H 18 = Curve Time1	0.4		AD	4	Scurve End	40	
H 19 = Trip select	0		PR	5	OPO Sel	b0	
H 20 = Power-on run	No		AD	10	Power-on run	No	
H 21 = RST restart	No		PR	8	RST restart	No	
H 22 = Speed Search	b0000		CN	71	Speed Search	b0000	
H 23 = SS Sup-Curr	1		CN	72	SS Sup-Curr	100	
H 24 = SS P-gain	1		CN	73	SS P-gain	500	
H 25 = SS I-gain	10		CN	74	SS I-gain	1000	
H 26 = Retry number	0		PR	9	Retry number	0	
H 27 = Retry delay	0.1	sec	PR	10	Retry delay	1.0	sec
H 30 = Motor select	0.2 kW		SPS	5	Motor select	0.1 kW	
H 31 = Pole number	4		BA	11	Pole number	4	
H 32 = Rated-Slip	2.00	Hz	BA	12	Rated-Slip	2.00	Hz
H 33 = Rated-Curr	0.18		SPS	6	Rated-Curr	1.8	
H 34 = Noload-Curr	0.07		BA	14	Noload-Curr	0.7	
H 36 = Efficiency	0.72		BA	15	Efficiency	72	

H 37 = Inertia rate	Below 10times		BA	16	Inertia rate	Low	
H 39 = Carrier freq	3		CN	4	Carrier freq	3.0	
H 40 = Control Mode	V/F		DR	9	Control Mode	Slip Compen.	
H 41 = Auto Tune	No			n.a.			
H 42 = Rs	25			n.a.			
H 44 = Lsigma	26			n.a.			
H 45 = SL P-Gain	10			n.a.			
H 46 = SL I-Gain	1			n.a.			
H 50 = PID F/B	Terminal I		AP	18	PID FBK.	0.00	
H 51 = PID P-gain	30		AP	22	PID P-gain	300.0	
H 52 = PID I-time	1		AP	23	PID I-time	1.00	
H 53 = PID D-time	0		AP	24	PID D-time	0.00	
H 54 = PID F-gain	0				Advanced More parameters		
H 55 = PID limit	60.00	Hz			Advanced More parameters		
H 70 = Acc/Dec freq	Max Freq		BA	9	Acc/Dec freq	Max Freq	
H 71 = Xcel T Mode	0.1 sec		BA	8	Xcel T Mode	0.1 sec	
H 72 = PowerOn disp	Cmd Freq.		CF	1	PowerOn disp	Freq. Display	
H 73 = User disp	Output Voltage		DR	81	Monitor code selection		
H 74 = RPM factor	1		AD	63	RPM factor	100	
H 81 = 2nd Acc time	5.0	sec	M2	4	2nd Acc time	5.0	sec
H 82 = 2nd Dec time	10.0	sec	M2	5	2nd Dec time	10.0	sec
H 83 = 2nd BaseFreq	60.00	Hz	M2	7	2nd BaseFreq	60.00	Hz
H 84 = 2nd V/F	Linear		M2	25	2nd V/F	Linear	
H 85 = 2nd F-boost	0.5		M2	26	2nd F-boost	4.0	
H 86 = 2nd R-boost	0.5		M2	27	2nd R-boost	4.0	
H 87 = 2nd Stall	1.5		M2	28	2nd Stall	150	
H 88 = 2nd ETH 1min	1.5		M2	29	2nd ETH 1min	150	
H 89 = 2nd ETH cont	1		M2	30	2nd ETH cont	100	
H 90 = 2nd R-Curr	1.8		M2	12	2nd R-Curr	1.8	
H 93 = Para Init	None		CF	93	Parameter initialization	0	
H 94 = Password set	0x0000		CF	94	Password set	0x0000	
[I/O]							
I 1 = VR filter	0.1	msec	IN	57	V filter	10	msec
I 2 = VR volt x1	0		IN	58	V curr x1	0.00	
I 3 = VR freq y1	0.00	Hz	IN	59	V freq y1	0.00	Hz
I 4 = VR volt x2	10		IN	60	V curr x2	10.00	
I 5 = VR freq y2	60.00	Hz	IN	61	V freq y2	60.00	Hz
I 6 = V1 filter	0.1	msec	IN	7	V1 filter	10	msec
I 7 = V1 volt x1	0		IN	8	V1 volt x1	0.00	
I 8 = V1 freq y1	0.00	Hz	IN	9	V1 freq y1	0.00	Hz
I 9 = V1 volt x2	10		IN	10	V1 volt x2	10.00	
I 10 = V1 freq y2	60.00	Hz	IN	11	V1 freq y2	60.00	Hz
I 11 = I filter	0.1	msec	IN	52	I filter	10	msec
I 12 = I curr x1	4		IN	53	I curr x1	4.00	
I 13 = I freq y1	0.00	Hz	IN	54	I freq y1	0.00	Hz
I 14 = I curr x2	20		IN	55	I curr x2	20.00	

I 15 = I freq y2	60.00	Hz	IN	56	I freq y2	60.00	Hz
I 16 = Wire broken	None		PR	15	Wire broken	None	
I 20 = P1 define	Fx		IN	65	P1 define	FX	
I 21 = P2 define	RX		IN	66	P2 define	RX	
I 22 = P3 define	BX		IN	67	P3 define	ES	
I 23 = P4 define	RST		IN	68	P4 define	RESET	
I 24 = P5 define	JOG		IN	69	P5 define	JOG	
I 27 = Ti Filt Num	0.15		IN	85	Ti Filt Num	4	
I 30 = ST 4	30.00	Hz	BA	53	ST 4	30.00	Hz
I 31 = ST 5	25.00	Hz	BA	54	ST 5	25.00	Hz
I 32 = ST 6	20.00	Hz	BA	55	ST 6	20.00	Hz
I 33 = ST 7	15.00	Hz	BA	56	ST 7	15.00	Hz
I 34 = Acc Time-1	3.0	sec	BA	70	Acc Time-1	2.0	sec
I 35 = Dec Time-1	3.0	sec	BA	71	Dec Time-1	2.0	sec
I 36 = Acc Time-2	4.0	sec	BA	72	Acc Time-2	3.0	sec
I 37 = Dec Time-2	4.0	sec	BA	73	Dec Time-2	3.0	sec
I 38 = Acc Time-3	5.0	sec	BA	74	Acc Time-3	4.0	sec
I 39 = Dec Time-3	5.0	sec	BA	75	Dec Time-3	4.0	sec
I 40 = Acc Time-4	6.0	sec	BA	76	Acc Time-4	5.0	sec
I 41 = Dec Time-4	6.0	sec	BA	77	Dec Time-4	5.0	sec
I 42 = Acc Time-5	7.0	sec	BA	78	Acc Time-5	4.0	sec
I 43 = Dec Time-5	7.0	sec	BA	79	Dec Time-5	4.0	sec
I 44 = Acc Time-6	8.0	sec	BA	80	Acc Time-6	3.0	sec
I 45 = Dec Time-6	8.0	sec	BA	81	Dec Time-6	3.0	sec
I 46 = Acc Time-7	9.0	sec	BA	82	Acc Time-7	2.0	sec
I 47 = Dec Time-7	9.0	sec	BA	83	Dec Time-7	2.0	sec
I 50 = FM mode	Frequency		OU	1	FM mode	Out Frequency	
I 51 = FM adjust	1		OU	2	FM adjust	100	
I 52 = FDT freq	30.00	Hz	OU	57	FDT freq	30.00	Hz
I 53 = FDT band	10.00	Hz	OU	58	FDT band	10.00	Hz
I 54 = Aux mode 1	Run		OU	31	MultipleOut1	Fault	
I 55 = Aux mode 2	Fault		OU	32	MultipleOut2	Fault	
I 56 = Relay mode	b010		OU	30	Relay mode1	b010	
I 60 = Inv No.	0.01		CM	1	Inv No.	1	
I 61 = Baud rate	9600 bps		CM	3	Baud rate	9600 bps	
I 62 = Lost command	None		PR	12	Lost command	None	
I 63 = Time out	0.1	sec	PR	13	Time out	1.0	sec