

Index	Name	Flags	Value	Value
1000	Device type	RO	0x00001389 (5001)	
1008	Device name	RO	EL7342	
1009	Hardware version	RO	06	
100A	Software version	RO	06	
1011:0	Restore default parameters	RO	> 1 <	
1018:0	Identity	RO	> 4 <	
10F0:0	Backup parameter handling	RO	> 1 <	
10F3:0	Diagnosis History	RO	> 55 <	
10F8	Actual Time Stamp	RO	C0 51 F6 54 07 00 00 00	
1400:0	ENC RxPDO-Par Control compact Ch.1	RO	> 6 <	
1401:0	ENC RxPDO-Par Control Ch.1	RO	> 6 <	
1402:0	ENC RxPDO-Par Control compact Ch.2	RO	> 6 <	
1403:0	ENC RxPDO-Par Control Ch.2	RO	> 6 <	
1405:0	DCM RxPDO-Par Position Ch.1	RO	> 6 <	
1406:0	DCM RxPDO-Par Velocity Ch.1	RO	> 6 <	
1408:0	DCM RxPDO-Par Position Ch.2	RO	> 6 <	
1409:0	DCM RxPDO-Par Velocity Ch.2	RO	> 6 <	
140A:0	POS RxPDO-Par Control compact Ch.1	RO	> 6 <	
140B:0	POS RxPDO-Par Control Ch.1	RO	> 6 <	
140C:0	POS RxPDO-Par Control compact Ch.2	RO	> 6 <	
140D:0	POS RxPDO-Par Control Ch.2	RO	> 6 <	
1600:0	ENC RxPDO-Map Control compact Ch.1	RO	> 7 <	
1601:0	ENC RxPDO-Map Control Ch.1	RO	> 7 <	
1602:0	ENC RxPDO-Map Control compact Ch.2	RO	> 7 <	
1603:0	ENC RxPDO-Map Control Ch.2	RO	> 7 <	
1604:0	DCM RxPDO-Map Control Ch.1	RO	> 5 <	
1605:0	DCM RxPDO-Map Position Ch.1	RO	> 1 <	
1606:0	DCM RxPDO-Map Velocity Ch.1	RO	> 1 <	
1607:0	DCM RxPDO-Map Control Ch.2	RO	> 5 <	
1608:0	DCM RxPDO-Map Position Ch.2	RO	> 1 <	
1609:0	DCM RxPDO-Map Velocity Ch.2	RO	> 1 <	
160A:0	POS RxPDO-Map Control compact Ch.1	RO	> 5 <	
160B:0	POS RxPDO-Map Control Ch.1	RO	> 9 <	
160C:0	POS RxPDO-Map Control compact Ch.2	RO	> 5 <	
160D:0	POS RxPDO-Map Control Ch.2	RO	> 9 <	
1800:0	ENC TxPDO-Par Status compact Ch.1	RO	> 9 <	
1801:0	ENC TxPDO-Par Status Ch.1	RO	> 9 <	
1803:0	ENC TxPDO-Par Status compact Ch.2	RO	> 9 <	
1804:0	ENC TxPDO-Par Status Ch.2	RO	> 9 <	
180A:0	POS TxPDO-Par Status compact Ch.1	RO	> 9 <	
180B:0	POS TxPDO-Par Status Ch.1	RO	> 9 <	
180C:0	POS TxPDO-Par Status compact Ch.2	RO	> 9 <	
180D:0	POS TxPDO-Par Status Ch.2	RO	> 9 <	
1A00:0	ENC TxPDO-Map Status compact Ch.1	RO	> 17 <	
1A01:0	ENC TxPDO-Map Status Ch.1	RO	> 17 <	
1A02:0	ENC TxPDO-Map Timest. compact Ch.1	RO	> 1 <	
1A03:0	ENC TxPDO-Map Status compact Ch.2	RO	> 17 <	
1A04:0	ENC TxPDO-Map Status Ch.2	RO	> 17 <	
1A05:0	ENC TxPDO-Map Timest. compact Ch.2	RO	> 1 <	
1A06:0	DCM TxPDO-Map Status Ch.1	RO	> 14 <	
1A07:0	DCM TxPDO-Map Synchron info data Ch.1	RO	> 2 <	
1A08:0	DCM TxPDO-Map Status Ch.2	RO	> 14 <	
1A09:0	DCM TxPDO-Map Synchron info data Ch.2	RO	> 2 <	
1A0A:0	POS TxPDO-Map Status compact Ch.1	RO	> 9 <	
1A0B:0	POS TxPDO-Map Status Ch.1	RO	> 12 <	
1A0C:0	POS TxPDO-Map Status compact Ch.2	RO	> 9 <	
1A0D:0	POS TxPDO-Map Status Ch.2	RO	> 12 <	
1C00:0	Sync manager type	RO	> 4 <	
1C12:0	RxPDO assign	RW	> 6 <	
1C12:01	SubIndex 001	RW	0x1601 (5633)	

Index	Name	Flags	Value	Value
1C12:02	SubIndex 002	RW	0x1603 (5635)	
1C12:03	SubIndex 003	RW	0x1604 (5636)	
1C12:04	SubIndex 004	RW	0x1607 (5639)	
1C12:05	SubIndex 005	RW	0x160B (5643)	
1C12:06	SubIndex 006	RW	0x160D (5645)	
1C12:07	SubIndex 007	RW	---	
1C12:08	SubIndex 008	RW	---	
1C13:0	TxPDO assign	RW	> 6 <	
1C13:01	SubIndex 001	RW	0x1A01 (6657)	
1C13:02	SubIndex 002	RW	0x1A04 (6660)	
1C13:03	SubIndex 003	RW	0x1A06 (6662)	
1C13:04	SubIndex 004	RW	0x1A08 (6664)	
1C13:05	SubIndex 005	RW	0x1A0B (6667)	
1C13:06	SubIndex 006	RW	0x1A0D (6669)	
1C13:07	SubIndex 007	RW	---	
1C13:08	SubIndex 008	RW	---	
1C13:09	SubIndex 009	RW	---	
1C13:0A	SubIndex 010	RW	---	
1C32:0	SM output parameter	RO	> 32 <	
1C33:0	SM input parameter	RO	> 32 <	
6000:0	ENC Inputs Ch.1	RO	> 22 <	
6010:0	ENC Inputs Ch.2	RO	> 22 <	
6020:0	DCM Inputs Ch.1	RO	> 18 <	
6030:0	DCM Inputs Ch.2	RO	> 18 <	
6040:0	POS Inputs Ch.1	RO	> 34 <	
6050:0	POS Inputs Ch.2	RO	> 34 <	
7000:0	ENC Outputs Ch.1	RO	> 17 <	
7010:0	ENC Outputs Ch.2	RO	> 17 <	
7020:0	DCM Outputs Ch.1	RO	> 33 <	
7030:0	DCM Outputs Ch.2	RO	> 33 <	
7040:0	POS Outputs Ch.1	RO	> 36 <	
7050:0	POS Outputs Ch.2	RO	> 36 <	
8000:0	ENC Settings Ch.1	RW	> 15 <	
8000:08	Disable filter	RW	FALSE	
8000:0A	Enable micro increments	RW	FALSE	
8000:0E	Reversion of rotation	RW	TRUE	
8010:0	ENC Settings Ch.2	RW	> 15 <	
8020:0	DCM Motor Settings Ch.1	RW	> 15 <	
8020:01	Maximal current	RW	0x0096 (150)	
8020:02	Nominal current	RW	0x0096 (150)	
8020:03	Nominal voltage	RW	0x5DC0 (24000)	
8020:04	Motor coil resistance	RW	0x2A08 (10760)	
8020:05	Reduced current (positive)	RW	0x0000 (0)	
8020:06	Reduced current (negative)	RW	0x0000 (0)	
8020:07	Encoder increments (4-fold)	RW	0x7D00 (32000)	
8020:08	Maximal motor velocity	RW	0x0064 (100)	
8020:0C	Time for switch-off at overload	RW	0x00C8 (200)	
8020:0D	Time for current lowering at overload	RW	0x07D0 (2000)	
8020:0E	Torque auto-reduction threshold (positive)	RW	0x00 (0)	
8020:0F	Torque auto-reduction threshold (negative)	RW	0x00 (0)	
8021:0	DCM Controller Settings Ch.1	RW	> 18 <	
8021:01	Kp factor (curr.)	RW	0x00C8 (200)	
8021:02	Ki factor (curr.)	RW	0x0002 (2)	
8021:03	Inner window (curr.)	RW	0x00 (0)	
8021:05	Outer window (curr.)	RW	0x00 (0)	
8021:06	Filter cut off frequency (curr.)	RW	0x0064 (100)	
8021:11	Voltage adjustment enable	RW	FALSE	
8021:12	Current adjustment enable	RW	FALSE	
8022:0	DCM Features Ch.1	RW	> 62 <	
8022:01	Operation mode	RW	Position controller (3)	

Index	Name	Flags	Value	Value
8022:09	Invert motor polarity	RW	FALSE	
8022:0A	Torque error enable	RW	FALSE	
8022:0B	Torque auto reduce	RW	FALSE	
8022:11	Select info data 1	RW	Motor coil voltage (1)	
8022:19	Select info data 2	RW	Motor coil current (2)	
8022:30	Invert digital input 1	RW	FALSE	
8022:31	Invert digital input 2	RW	FALSE	
8022:32	Function for input 1	RW	Normal input (0)	
8022:36	Function for input 2	RW	Normal input (0)	
8023:0	DCM Controller Settings 2 Ch.1	RW	> 8 <	
8023:01	Kp factor (velo./pos.)	RW	0x00C8 (200)	
8023:02	Ki factor (velo./pos.)	RW	0x0002 (2)	
8023:03	Inner window (velo./pos.)	RW	0x00 (0)	
8023:05	Outer window (velo./pos.)	RW	0x00 (0)	
8023:06	Filter cut off frequency (velo./pos.)	RW	0x0064 (100)	
8023:07	Ka factor (velo./pos.)	RW	0x00C8 (200)	
8023:08	Kd factor (velo./pos.)	RW	0x0014 (20)	
8030:0	DCM Motor Settings Ch.2	RW	> 15 <	
8031:0	DCM Controller Settings Ch.2	RW	> 18 <	
8032:0	DCM Features Ch.2	RW	> 62 <	
8033:0	DCM Controller Settings 2 Ch.2	RW	> 8 <	
8040:0	POS Settings Ch.1	RW	> 16 <	
8040:01	Velocity min.	RW	10	
8040:02	Velocity max.	RW	10000	
8040:03	Acceleration pos.	RW	0xFDE8 (65000)	
8040:04	Acceleration neg.	RW	0xFDE8 (65000)	
8040:05	Deceleration pos.	RW	0xFDE8 (65000)	
8040:06	Deceleration neg.	RW	0xFDE8 (65000)	
8040:07	Emergency deceleration	RW	0x2710 (10000)	
8040:08	Calibration position	RW	0x00000000 (0)	
8040:09	Calibration velocity (towards plc cam)	RW	3000	
8040:0A	Calibration Velocity (off plc cam)	RW	3000	
8040:0B	Target window	RW	0x00C8 (200)	
8040:0C	In-Target timeout	RW	0x4E20 (20000)	
8040:0D	Dead time compensation	RW	50	
8040:0E	Modulo factor	RW	0x00001F40 (8000)	
8040:0F	Modulo tolerance window	RW	0x00000000 (0)	
8040:10	Position lag max.	RW	0x0000 (0)	
8041:0	POS Features Ch.1	RW	> 21 <	
8041:01	Start type	RW	Absolute (1)	
8041:11	Time information	RW	Elapsed time (0)	
8041:13	Invert calibration cam search direction	RW	TRUE	
8041:14	Invert sync impulse search direction	RW	FALSE	
8041:15	Emergency stop on position lag error	RW	FALSE	
8050:0	POS Settings Ch.2	RW	> 16 <	
8051:0	POS Features Ch.2	RW	> 21 <	
9020:0	DCM Info data Ch.1	RO	> 9 <	
9030:0	DCM Info data Ch.2	RO	> 9 <	
9040:0	POS Info data Ch.1	RO	> 4 <	
9050:0	POS Info data Ch.2	RO	> 4 <	
A020:0	DCM Diag data Ch.1	RO	> 17 <	
A030:0	DCM Diag data Ch.2	RO	> 17 <	
A040:0	POS Diag data Ch.1	RO	> 6 <	
A050:0	POS Diag data Ch.2	RO	> 6 <	
F000:0	Modular device profile	RO	> 2 <	
F008	Code word	RW	0x00000000 (0)	
F010:0	Module list	RW	> 6 <	
F010:01	SubIndex 001	RW	0x000001FF (511)	
F010:02	SubIndex 002	RW	0x000001FF (511)	
F010:03	SubIndex 003	RW	0x000002DD (733)	

Index	Name	Flags	Value	Value
F010:04	SubIndex 004	RW	0x000002DD (733)	
F010:05	SubIndex 005	RW	0x000002C0 (704)	
F010:06	SubIndex 006	RW	0x000002C0 (704)	
F80F:0	DCM Vendor data	RW	> 6 <	
F80F:01	PWM Frequency	RW	0x7D00 (32000)	
F80F:02	Deadtime	RW	0x0102 (258)	
F80F:03	Deadtime space	RW	0x0014 (20)	
F80F:04	Warning temperature	RW	80	
F80F:05	Switch off temperature	RW	100	
F80F:06	Analog trigger point	RW	0x000A (10)	
F900:0	DCM Info data	RO	> 6 <	
FB00:0	DCM Command	RO	> 3 <	