

4	MCAPI API	29
4.1	General	29
4.1.1	MCAPI_INITIALIZE	30
4.1.2	MCAPI_FINALIZE	32
4.1.3	MCAPI_DOMAIN_ID_GET	33
4.1.4	MCAPI_NODE_ID_GET	34
4.1.5	MCAPI_NODE_INIT_ATTRIBUTES	35
4.1.6	MCAPI_NODE_SET_ATTRIBUTE	36
4.1.7	MCAPI_NODE_GET_ATTRIBUTE	38
4.2	Endpoints	40
4.2.1	MCAPI_ENDPOINT_CREATE	41
4.2.2	MCAPI_ENDPOINT_GET_I	43
4.2.3	MCAPI_ENDPOINT_GET	45
4.2.4	MCAPI_ENDPOINT_DELETE	47
4.2.5	MCAPI_ENDPOINT_GET_ATTRIBUTE	48
4.2.6	MCAPI_ENDPOINT_SET_ATTRIBUTE	51
4.3	MCAPI Messages	54
4.3.1	MCAPI_MSG_SEND_I	55
4.3.2	MCAPI_MSG_SEND	57
4.3.3	MCAPI_MSG_RECV_I	59
4.3.4	MCAPI_MSG_RECV	61
4.3.5	MCAPI_MSG_AVAILABLE	63
4.4	MCAPI Packet Channels	64
4.4.1	MCAPI_PKTCHAN_CONNECT_I	65
4.4.2	MCAPI_PKTCHAN_RECV_OPEN_I	67
4.4.3	MCAPI_PKTCHAN_SEND_OPEN_I	69
4.4.4	MCAPI_PKTCHAN_SEND_I	71
4.4.5	MCAPI_PKTCHAN_SEND	73
4.4.6	MCAPI_PKTCHAN_RECV_I	75
4.4.7	MCAPI_PKTCHAN_RECV	78
4.4.8	MCAPI_PKTCHAN_AVAILABLE	80
4.4.9	MCAPI_PKTCHAN_RELEASE	81
4.4.10	MCAPI_PKTCHAN_RELEASE_TEST	82
4.4.11	MCAPI_PKTCHAN_RECV_CLOSE_I	83
4.4.12	MCAPI_PKTCHAN_SEND_CLOSE_I	85
4.5	MCAPI Scalar Channels	87
4.5.1	MCAPI_SCLCHAN_CONNECT_I	88
4.5.2	MCAPI_SCLCHAN_RECV_OPEN_I	90
4.5.3	MCAPI_SCLCHAN_SEND_OPEN_I	92
4.5.4	MCAPI_SCLCHAN_SEND_UINT64	94
4.5.5	MCAPI_SCLCHAN_SEND_UINT32	95
4.5.6	MCAPI_SCLCHAN_SEND_UINT16	96
4.5.7	MCAPI_SCLCHAN_SEND_UINT8	97
4.5.8	MCAPI_SCLCHAN_RECV_UINT64	98
4.5.9	MCAPI_SCLCHAN_RECV_UINT32	99
4.5.10	MCAPI_SCLCHAN_RECV_UINT16	100
4.5.11	MCAPI_SCLCHAN_RECV_UINT8	101
4.5.12	MCAPI_SCLCHAN_AVAILABLE	102
4.5.13	MCAPI_SCLCHAN_RECV_CLOSE_I	103
4.5.14	MCAPI_SCLCHAN_SEND_CLOSE_I	105
4.6	MCAPI non-blocking operations	107
4.6.1	MCAPI_TEST	108
4.6.2	MCAPI_WAIT	110
4.6.3	MCAPI_WAIT_ANY	112
4.6.4	MCAPI_CANCEL	114
4.7	MCAPI support functions	115
4.7.1	MCAPI_DISPLAY_STATUS	116
5	Header files	117
6	FAQ	118