Elecon MODBUS protocol format (TCP/IP) – Between server and Modbus Gateway (Floor Control Unit)

Notes:
Modbus addressing is usually zero based so the real indicated address is as shown below -1

Example Gateway/Floor Control Unit 1 IP: 192.168.1.111 Port 502
Modbus Gateway RTU Setup (RS485) Speed 57600bps, 8 bits, 1 start bit, no parity, 1 stop bit

Lights, sensors and indicator status: Read as block of coils (bit data only 1 or 0)
Air-conditioners, RCU setup and remote controls: Read as block of holding registers

1. Read Single Coil (01) and Write Single Coil (05)

Lighting Controls

Address 1	Lighting Load 1	(1=On, 0=Off)	(Read /Write)
Address 2	Lighting Load 2	(1=On, 0=Off)	(Read /Write)
Address 3	Lighting Load 3	(1=On, 0=Off)	(Read /Write)
Address 4	Lighting Load 4	(1=On, 0=Off)	(Read /Write)
Address 5	Lighting Load 5	(1=On, 0=Off)	(Read /Write)
Address 6	Lighting Load 6	(1=On, 0=Off)	(Read /Write)
Address 7	Lighting Load 7	(1=On, 0=Off)	(Read /Write)
Address 8	N/A		
Address 9	Lighting Load 8	(1=On, 0=Off)	(Read /Write)
Address 10	Lighting Load 9	(1=On, 0=Off)	(Read /Write)
Address 11	Lighting Load 10	(1=On, 0=Off)	(Read /Write)
Address 12	Lighting Load 11	(1=On, 0=Off)	(Read /Write)
Address 13	Lighting Load 12	(1=On, 0=Off)	(Read /Write)
Address 14	Master On/Off	(1=Master On, 0=Master Off)	(Read /Write)

Services

Address 15	Factory Setting	(1=Reset to Default Settings)	(Write Only)
Address 16	N/A		
Address 17	Intruder (Unauthorized Access)	(1=Notice, 0=Normal)	(Read /Write)
Address 18	SOS	(1=Notice, 0=Normal)	(Read /Write)
Address 19	Make-Up-Room (MUR)	(1=Set, 0=Clear)	(Read /Write)
Address 20	Do-Not-Disturb (DND)	(1=Set, 0=Clear)	(Read /Write)
Address 21	Guest Inside Room (Motion)	(1=Occupied, 0=Unoccupied)	(Read Only)
Address 22	Check In/Out (PMS Data)	(1=Checked In, 0=Checked Out)	(Read /Write)
Address 23	Butler Call	(1=Set, 0=Clear)	(Read /Write)
Address 24	N/A		
Address 25	Laundry Pickup Request	(1=Set, 0=Clear)	(Read /Write)
Address 26	Enable Energy Saving	(1=Enabled, 0=Disabled)	(Read /Write)
Address 27	Bathroom Balcony Door Sensor	(1=Enabled, 0=Disabled)	(Read /Write)
Address 28	Return to room SetByUser	(1=Enable, 0=Disable)	(Read /Write)

Address 29	Exhaust Fan Status	(1=ON, 0=OFF)	(Read /Write)
Address 30	Room Safe	(1=LOCKED, 0=UNLOCKED)	(Read /Write)
Address 31	Spare Service		
Address 32	N/A		

Sensors			
Address 33	Motion 1 Sensor Error	(1=Error, 0=Normal)	(Read Only)
Address 34	Motion 2 Sensor Error	(1=Error, 0=Normal)	(Read Only)
Address 35	Motion 3 Sensor Error	(1=Error, 0=Normal)	(Read Only)
Address 36	Motion 4 Sensor Error	(1=Error, 0=Normal)	(Read Only)
Address 37	Motion 5 Sensor Error	(1=Error, 0=Normal)	(Read Only)
Address 38	Motion 6 Sensor Error	(1=Error, 0=Normal)	(Read Only)
Address 39	Motion 7 Sensor Error	(1=Error, 0=Normal)	(Read Only)
Address 40	N/A		
Address 41	Magnetic door 1 Sensor	(1=Open, 0=Close)	(Read Only)
Address 42	Magnetic door 2 Sensor	(1=Open, 0=Close)	(Read Only)
Address 43	Magnetic door 3 Sensor	(1=Open, 0=Close)	(Read Only)
Address 44	Magnetic door 4 Sensor	(1=Open, 0=Close)	(Read Only)

Device Errors			
Address 45	Thermostat Status (Any)	(1=Error, 0=Normal)	(Read Only)
Address 46	Temp. Sensor Status (Any)	(1=Error, 0=Normal)	(Read Only)
Address 47	Bedside Panel Status (Any)	(1=Error, 0=Normal)	(Read Only)
Address 48	N/A		
Address 49	Memory Status (Clock)	(1=Error, 0=Normal)	(Read Only)
Address 50	Memory Status (Eprom)	(1=Error, 0=Normal)	(Read Only)
Address 51	Dimmer Temp Alarm (Any)	(1=Error, 0=Normal)	(Read Only)
Address 52	AC Module Coms Error (Any)	(1=Error, 0=Normal)	(Read Only)
Address 53	Switch Panel Coms Error (Any)	(1=Error, 0=Normal)	(Read Only)
Address 54	Motion Sensor Status (Any)	(1=Error, 0=Normal)	(Read Only)
Address 55	PMS Interface Link	(1=Yes/Enabled, 0=No/Disabled)	(Read /Write)
Address 56	N/A		

Address 57	Motion 8 Sensor Error	(1=Error, 0=Normal)	(Read Only)
Address 58	Motion 9 Sensor Error	(1=Error, 0=Normal)	(Read Only)
Address 59	Motion 10 Sensor Error	(1=Error, 0=Normal)	(Read Only)
Address 60	Motion 11 Sensor Error	(1=Error, 0=Normal)	(Read Only)
Address 61	Motion 12 Sensor Error	(1=Error, 0=Normal)	(Read Only)
Address 62	Motion 13 Sensor Error	(1=Error, 0=Normal)	(Read Only)
Address 63	Motion 14 Sensor Error	(1=Error, 0=Normal)	(Read Only)
Address 64	N/A		

Address 65	Magnetic door 5 Sensor	(1=Open, 0=Close)	(Read Only)
Address 66	Magnetic door 6 Sensor	(1=Open, 0=Close)	(Read Only)
Address 67	Magnetic door 7 Sensor	(1=Open, 0=Close)	(Read Only)
Address 68	Magnetic door 8 Sensor	(1=Open, 0=Close)	(Read Only)
Address 69	Magnetic door 9 Sensor	(1=Open, 0=Close)	(Read Only)
Address 70	Magnetic door 10 Sensor	(1=Open, 0=Close)	(Read Only)
Address 71	Magnetic door 11 Sensor	(1=Open, 0=Close)	(Read Only)
Address 72	N/A		

Address 73	Magnetic door 12 Sensor	(1=Open, 0=Close)	(Read Only)
Address 74	Force RCU Scan for Errors	(1=Set, 0=Not set)	(Read/Write)
Address 75	Ceiling Fan 1		
Address 76	Ceiling Fan 2		
Address 77	Spare19		
Address 78	Spare20		
Address 79	Spare21		
Address 80	N/A		
Address 81	Spare22		
Address 82	Spare23		
Address 83	Spare24		
Address 84	Spare25		
Address 85	Spare26		
Address 86	Spare27		
Address 87	Spare28		
Address 88	N/A		
Address 89	Spare29		
Address 90	Spare30		
Address 91	Spare31		
Address 92	Spare32		
Address 93	Spare33		
Address 94	Spare34		
Address 95	Spare35		
Address 96	N/A		
Address 97	Spare36		
Address 98	Spare37		
Address 99	Spare38		
Address 100	Spare39		
Address 101	Spare40		
Address 102	Spare41		
Address 103	Spare42		
Address 104	N/A		
Address 105	Spare43		
Address 106	Spare44		
Address 107	Spare45		
Address 108	Spare46		
Address 109	Spare47		
Address 110	Spare48		
Address 111	Spare49		
Address 112	N/A		
Address 113	Spare50		
Address 114	Spare51		
Address 115	Spare52		
Address 116	Spare53		
Address 117	Spare54		
Address 118	Spare55		
Address 119	Spare56		
Address 120	N/A		

2. Read Holding Register (03) and Write Single Register (06)

Note, this is an alternative method supported by the RCU for reading combined coils as registers;

Address 1	Read coil Address 1-8
Address 2	Read coil Address 9-16
Address 3	Read coil Address 17-24
Address 4	Read coil Address 25-32
Address 5	Read coil Address 33-40
Address 6	Read coil Address 41-48
Address 7	Read coil Address 49-56
Address 8	Read coil Address 57-64
Address 9	Read coil Address 65-72
Address 10	Read coil Address 73-80
Address 11	Read coil Address 81-88
Address 12	Read coil Address 87-96
Address 13	Read coil Address 97-104
Address 14	Read coil Address 105-112
Address 15	Read coil Address 113-120

Address 16	READ	RCU_ID	(Read Only)
Address 17	READ/WRITE	Check Error Value	(Read/Write)

Air Conditioner 1

Address 18	READ/WRITE	Fan Speed		
			0	Off
			1	Low
			2	Medium
			3	High
			4	Auto
Address 19	READ/WRITE	Temperature Setting		
			15	15°C
			...	
			35	35°C
Address 20	READ/WRITE	Room Temperature (°C)		(Read Only)

Air Conditioner 2

Address 21	READ/WRITE	Fan Speed		
			0	Off
			1	Low
			2	Medium
			3	High
			4	Auto
Address 22	READ/WRITE	Temperature Setting		
			15	15°C
			...	
			35	35°C
Address 23	READ/WRITE	Room Temperature (°C)		(Read Only)

Air Conditioner 3

Address 24	READ/WRITE	Fan Speed	
		0	Off
		1	Low
		2	Medium
		3	High
		4	Auto
Address 25	READ/WRITE	Temperature Setting	
		15	15°C
		...	
		35	35°C
Address 26	READ/WRITE	Room Temperature (°C) (Read Only)	

Air Conditioner 4

Address 27	READ/WRITE	Fan Speed	
		0	Off
		1	Low
		2	Medium
		3	High
		4	Auto
Address 28	READ/WRITE	Temperature Setting	
		15	15°C
		...	
		35	35°C
Address 29	READ/WRITE	Room Temperature (°C) (Read Only)	

Air Conditioner 5

Address 30	READ/WRITE	Fan Speed	
		0	Off
		1	Low
		2	Medium
		3	High
		4	Auto
Address 31	READ/WRITE	Temperature Setting	
		15	15°C
		...	
		35	35°C
Address 32	READ/WRITE	Room Temperature (°C) (Read Only)	

Air Conditioner 6

Address 33	READ/WRITE	Fan Speed	
		0	Off
		1	Low
		2	Medium
		3	High
		4	Auto
Address 34	READ/WRITE	Temperature Setting	
		15	15°C
		...	
		35	35°C
Address 35	READ/WRITE	Room Temperature (°C) (Read Only)	

Air Conditioner 7

Address 36	READ/WRITE	Fan Speed	
		0	Off
		1	Low
		2	Medium
		3	High
		4	Auto
Address 37	READ/WRITE	Temperature Setting	
		15	15°C
		...	
		35	35°C
Address 38	READ/WRITE	Room Temperature (°C) (Read Only)	

Air Conditioner 8

Address 39	READ/WRITE	Fan Speed	
		0	Off
		1	Low
		2	Medium
		3	High
		4	Auto
Address 40	READ/WRITE	Temperature Setting	
		15	15°C
		...	
		35	35°C
Address 41	READ/WRITE	Room Temperature (°C) (Read Only)	

Air Conditioner 9

Address 42	READ/WRITE	Fan Speed	
		0	Off
		1	Low
		2	Medium
		3	High
		4	Auto
Address 43	READ/WRITE	Temperature Setting	
		15	15°C
		...	
		35	35°C
Address 44	READ/WRITE	Room Temperature (°C) (Read Only)	

Air Conditioner 10

Address 45	READ/WRITE	Fan Speed	
		0	Off
		1	Low
		2	Medium
		3	High
		4	Auto
Address 46	READ/WRITE	Temperature Setting	
		15	15°C
		...	
		35	35°C
Address 47	READ/WRITE	Room Temperature (°C) (Read Only)	

Calibrate AC Temp Sensors

Address 48 READ/WRITE CalibrateTemp Air 1 (Read/Write)
Calibrate the temp reading from the sensor with a compensation value
(-5℃, -4℃, -3℃, -2℃, -1℃, 0℃,+1℃, +2℃, +3℃, +4℃,+5℃)

Address 49 READ/WRITE CalibrateTemp Air 2 (Read/Write)
Calibrate the temp reading from the sensor with a compensation value
(-5℃, -4℃, -3℃, -2℃, -1℃, 0℃,+1℃, +2℃, +3℃, +4℃,+5℃)

Address 50 READ/WRITE CalibrateTemp Air 3 (Read/Write)
Calibrate the temp reading from the sensor with a compensation value
(-5℃, -4℃, -3℃, -2℃, -1℃, 0℃,+1℃, +2℃, +3℃, +4℃,+5℃)

Address 51 READ/WRITE CalibrateTemp Air 4 (Read/Write)
Calibrate the temp reading from the sensor with a compensation value
(-5℃, -4℃, -3℃, -2℃, -1℃, 0℃,+1℃, +2℃, +3℃, +4℃,+5℃)

Address 52 READ/WRITE CalibrateTemp Air 5 (Read/Write)
Calibrate the temp reading from the sensor with a compensation value
(-5℃, -4℃, -3℃, -2℃, -1℃, 0℃,+1℃, +2℃, +3℃, +4℃,+5℃)

Address 53 READ/WRITE CalibrateTemp Air 6 (Read/Write)
Calibrate the temp reading from the sensor with a compensation value
(-5℃, -4℃, -3℃, -2℃, -1℃, 0℃,+1℃, +2℃, +3℃, +4℃,+5℃)

Address 54 READ/WRITE CalibrateTemp Air 7 (Read/Write)
Calibrate the temp reading from the sensor with a compensation value
(-5℃, -4℃, -3℃, -2℃, -1℃, 0℃,+1℃, +2℃, +3℃, +4℃,+5℃)

Address 55 READ/WRITE CalibrateTemp Air 8 (Read/Write)
Calibrate the temp reading from the sensor with a compensation value
(-5℃, -4℃, -3℃, -2℃, -1℃, 0℃,+1℃, +2℃, +3℃, +4℃,+5℃)

Address 56 READ/WRITE CalibrateTemp Air 9 (Read/Write)
Calibrate the temp reading from the sensor with a compensation value
(-5℃, -4℃, -3℃, -2℃, -1℃, 0℃,+1℃, +2℃, +3℃, +4℃,+5℃)

Address 57 READ/WRITE CalibrateTemp Air 10 (Read/Write)
Calibrate the temp reading from the sensor with a compensation value
(-5℃, -4℃, -3℃, -2℃, -1℃, 0℃,+1℃, +2℃, +3℃, +4℃,+5℃)

Set Function Air Conditioning

Address 58 READ/WRITE SetTempMin (Read/Write)
Minimum Temperature allowed for guest setting

Address 59 READ/WRITE SetTempMax (Read/Write)
Maximum Temperature allowed for guest setting

Address 60 READ/WRITE FanSpeedCheckIn (Read/Write)
Fan speed set when the server receives a check-in message (Fast Cool Mode)

Address 61 READ/WRITE TempSetCheckIn (Read/Write)
Temp set when the server receives a check-in message (Fast Cool Mode)

Address 62 READ/WRITE FanSpeedCheckOut (Read/Write)
Fan Speed set when the server receives a check-out message

Address 63 READ/WRITE TempSetCheckOut (Read/Write)
Temp set when the server receives check-out message
Address 64 READ/WRITE FanSpeedCheckIn +30min (Read/Write)
Fan Speed set when guest has not entered the room after check in +30mins
Address 65 READ/WRITE TempSetCheckIn +30min (Read/Write)
Temp set when guest has not entered the room after check in +30mins
Address 66 READ/WRITE FanSpeedWelcome Daytime (Read/Write)
Fan Speed when the guest enters the room Daytime
(just the first time guest enters the room after check-in)
Address 67 READ/WRITE TempSetWelcome Daytime (Read/Write)
Temp setting when the guest enters the room Daytime
(just the first time guest enters the room after check-in)
Address 68 READ/WRITE FanSpeedWelcome Nighttime (Read/Write)
Fan Speed when the guest enters the room Nighttime
(just the first time guest enters the room after check-in)
Address 69 READ/WRITE TempSetWelcome Nighttime (Read/Write)
Temp setting when guest enters the room Nighttime
(just the first time guest enters the room after check-in)

Address 70 READ/WRITE Return to room FanSpeed Day (Read/Write)
Fan Speed when guest returns to the room (insert key card/motion Daytime)
Address 71 READ/WRITE Return to room TempSet Day (Read/Write)
Temp setting when guest returns to the room (insert key card/motion Daytime)
Address 72 READ/WRITE Return to room FanSpeed Night (Read/Write)
Fan Speed when guest returns to the room (insert key card/motion Nighttime)
Address 73 READ/WRITE Return to room TempSet Night (Read/Write)
Temp setting when guest returns to the room (insert key card/motion Nighttime)
Address 74 Spare

Address 75 READ/WRITE Fan Speed Leave Room (Read/Write)
Fan Speed when guest leaves the room (no key card/no motion)
Address 76 READ/WRITE Temp Set Leave Room (Read/Write)
Temp setting when guest leaves the room (no key card/no motion)
(also refer to address 77 shown below)

Address 77 READ/WRITE SetTemp +°C when guest leaves the room (Read/Write)
Temp setting offset (energy saving) when the guest leaves the room
(0℃,+1℃, +2℃, +3℃, +4℃,+5℃,)
Used to calculate the Temp Set Leave Room setting
(example; current Set Point temperature in RCU + this adjustment SetTemp

Key-Card System

Address 78 READ/WRITE CardOutDelay (Read/Write)
Delay (in seconds) after the guest removes the key-card and leaves the room before the RCU switches to energy saving mode.

Motion Sensor Systems

Address 79 READ/WRITE Delay motion 1 (mins) (Read/Write)
Address 80 READ/WRITE Delay motion 2 (mins) (Read/Write)
Address 81 READ/WRITE Delay motion 3 (mins) (Read/Write)

Balcony Door (condensation protection)

Address 82 READ/WRITE Delay Balcony Door Open (mins) (Read/Write)

Set Welcome Curtains/Blinds

Address 83 READ/WRITE Welcome Sheer Curtain Day (Read/Write)
(0 =Stop, 1 = Curtain OPEN, 2 = Curtain CLOSED)
Address 84 READ/WRITE Welcome Sheer Curtain Night (Read/Write)
(0 =Stop, 1 = Curtain OPEN, 2 = Curtain CLOSED)
Address 85 READ/WRITE Welcome Blackout Curtain Day (Read/Write)
(0 =Stop, 1 = Curtain OPEN, 2 = Curtain CLOSED)
Address 86 READ/WRITE Welcome Blackout Curtain Night (Read/Write)
(0 =Stop, 1 = Curtain OPEN, 2 = Curtain CLOSED)

Address 87 READ/WRITE Welcome Blinds Day (Read/Write)
(0 =Stop, 1 = Blind UP, 2 = Blind DOWN)
Address 88 READ/WRITE Welcome Blinds Night (Read/Write)
(0 =Stop, 1 = Blind UP, 2 = Blind DOWN)

Setting the RCU Clock

Note, set as an automatic server background task once per day at 03:00hrs for all rooms.

Address 89 READ/WRITE Hour

00	00 hr. (0 O'clock or 0 AM)
...	(Increases by 1)
23	23 hr. (11 O'clock or 11 PM)

Address 90 READ/WRITE Minute

00	00 min.
...	(Increases by 1)
59	59 min.

Address 91 READ/WRITE Date

01	1st
...	(Increases by 1)
31	31st

Address 92 READ/WRITE Month

01	January
...	(Increases by 1)
12	December

Address 93 READ/WRITE Year

00	2000
...	(Increases by 1)
99	2099

Set time for “Daytime”, “Evening time” and “Nighttime” (set by hour only)

Address 94	READ/WRITE	Daytime Start time hour
Address 95	READ/WRITE	Evening time Start time hour
Address 96	READ/WRITE	Nighttime Start time hour

Timers for group circuit control of garden area, balcony path etc. (set by hour only)

Address 97	READ/WRITE	Timer group1 ON hour
Address 98	READ/WRITE	Timer group1 OFF hour
Address 99	READ/WRITE	Timer group2 ON hour
Address 100	READ/WRITE	Timer group2 OFF hour
Address 101	READ/WRITE	Timer group3 ON hour
Address 102	READ/WRITE	Timer group3 OFF hour

Remote Control Curtain/Blinds

Address 103	READ/WRITE Curtain 1 (0 Off 1 Up 2 Down)
Address 104	READ/WRITE Curtain 2 (0 Off 1 Up 2 Down)
Address 105	READ/WRITE Curtain 3 (0 Off 1 Up 2 Down)
Address 106	READ/WRITE Curtain 4 (0 Off 1 Up 2 Down)
Address 107	READ/WRITE Curtain 5 (0 Off 1 Up 2 Down)
Address 108	READ/WRITE Curtain 6 (0 Off 1 Up 2 Down)

Remote Set Scene

Address 109	READ/WRITE (SCENE Group 1 value=0-6) 0= Scene Off
Address 110	READ/WRITE (SCENE Group 2 value=0-6) 0= Scene Off
Address 111	READ/WRITE (SCENE Group 3 value=0-6) 0= Scene Off

Remote Set Music

Address 112	READ/WRITE ON/OFF (0= OFF 1= ON)
Address 113	READ/WRITE Volume Percent (0-100%)
Address 114	READ/WRITE Source Type (1 -3 Channel)
Address 115	Spare

Remote Set Dimmer Circuits

Dimmer Box#1

Address 116	DimCircuit 1 READ/WRITE	(0=100%)
Address 117	DimCircuit 2 READ/WRITE	(0=100%)
Address 118	DimCircuit 3 READ/WRITE	(0=100%)
Address 119	DimCircuit 4 READ/WRITE	(0=100%)

Dimmer Box#2

Address 120	DimCircuit 5 READ/WRITE	(0=100%)
Address 121	DimCircuit 6 READ/WRITE	(0=100%)
Address 122	DimCircuit 7 READ/WRITE	(0=100%)
Address 123	DimCircuit 8 READ/WRITE	(0=100%)

Dimmer Box#3

Address 124	DimCircuit 9 READ/WRITE	(0=100%)
Address 125	DimCircuit 10 READ/WRITE	(0=100%)
Address 126	DimCircuit 11 READ/WRITE	(0=100%)
Address 127	DimCircuit 12 READ/WRITE	(0=100%)

Dimmer Box#4

Address 128	DimCircuit 13	READ/WRITE	(0=100%)
Address 129	DimCircuit 14	READ/WRITE	(0=100%)
Address 130	DimCircuit 15	READ/WRITE	(0=100%)
Address 131	DimCircuit 16	READ/WRITE	(0=100%)

Dimmer Box#5

Address 132	DimCircuit 17	READ/WRITE	(0=100%)
Address 133	DimCircuit 18	READ/WRITE	(0=100%)
Address 134	DimCircuit 19	READ/WRITE	(0=100%)
Address 135	DimCircuit 20	READ/WRITE	(0=100%)

Dimmer Box#6

Address 136	DimCircuit 21	READ/WRITE	(0=100%)
Address 137	DimCircuit 22	READ/WRITE	(0=100%)
Address 138	DimCircuit 23	READ/WRITE	(0=100%)
Address 139	DimCircuit 24	READ/WRITE	(0=100%)

Dimmer Box#7

Address 140	DimCircuit 25	READ/WRITE	(0=100%)
Address 141	DimCircuit 26	READ/WRITE	(0=100%)
Address 142	DimCircuit 27	READ/WRITE	(0=100%)
Address 143	DimCircuit 28	READ/WRITE	(0=100%)

Dimmer Box#8

Address 144	DimCircuit 29	READ/WRITE	(0=100%)
Address 145	DimCircuit 30	READ/WRITE	(0=100%)
Address 146	DimCircuit 31	READ/WRITE	(0=100%)
Address 147	DimCircuit 32	READ/WRITE	(0=100%)

Dimmer Box#9

Address 148	DimCircuit 33	READ/WRITE	(0=100%)
Address 149	DimCircuit 34	READ/WRITE	(0=100%)
Address 150	DimCircuit 35	READ/WRITE	(0=100%)
Address 151	DimCircuit 36	READ/WRITE	(0=100%)

Dimmer Box#10

Address 152	DimCircuit 37	READ/WRITE	(0=100%)
Address 153	DimCircuit 38	READ/WRITE	(0=100%)
Address 154	DimCircuit 39	READ/WRITE	(0=100%)
Address 155	DimCircuit 40	READ/WRITE	(0=100%)

Address 156	Spare
Address 157	Spare
Address 158	Spare
Address 159	Spare
Address 160	Spare

-- End --