For the WP-8xx7:

Project Name	Description	I/O Boards or Complex Equipment Used
wp_vb01	A simple Web HMI example	slot 0: I-87055W
wp_vb02	VB.net 2008 demo 01 for WP-8xx7 : DIO demo (Chapter 6 of the “WP-8xx7 Getting Started”)	slot 0: I-87055W
wp_vb03	VB.net 2008 demo 02 for WP-8xx7. Analog I/O (Chapter 6 of the “WP-8xx7 Getting Starte”)	slot 1: I-87024W slot 2: I-8017HW
wpdmo_01	VB.net 2008 demo 03 for WP-8xx7. Read / Write long integer, float & Timer (Chapter 6 of the “WP-8xx7 Getting Starte”)	
wpdmo_02	WinPAC demo_01: R/W float value from file (FAQ-060)	
wpdmo_03	WinPAC demo_02: R/W long integer from file (FAQ-060)	
wpdmo_04	To output at a time interval: SYSDAT_R, SYSDAT_W, SYSTIM_R, SYSTIM_W (ST+QLD)	
wpdmo_05	WinPAC demo_04: User defined Modbus protocol (No using "Mbus")	
wpdmo_06	To do something at some sec later when an event happens (FAQ-17)	slot 0: I-87055W
wpdmo_07	Using Message Array - MsgAry_r , MsgAry_w	
wpdmo_08	Convert float value to string, using real_str & rea_str2	
wpdmo_09	PID control, refer to WinPAC-8xx7 CD: \napdos\isgraf\wp-8xx7\english_manu\"PID_AL...htm"	
wpdmo_10	Store & backup boolean & long integer value To/From files	
wpdmo_11	Store & backup boolean & long integer value To/From EEPROM	
wpdmo_14	Dir is \Micro_SD , save 3 values to 3 files per 10 minutes, change file name per month	
wpdmo_16	Retain variable by Retain_b, Retain_N, Retain_f, Retain_t (FAQ-74)	
wpdmo19	Dir is \Micro_SD , save 3 values to 1 file every minute ,change file name every day	
wpdmo19a	Send UDP String to PC when alarm happens (using variable array), Time_Gap is 1 sec (Chapter 19.2 of the “ISaGRAF User's Manual”)	slot0: I-87055W
wpdmo19b	Send UDP String to PC 3 sec later (wpdmo19a is better), Time_Gap is 250ms (Chapter 19.2 of the “ISaGRAF User's Manual”)	slot0: I-87055W
wpdmo_20	Receive String coming from remote PC or controller via UDP/IP	
wpdmo_21	Using "com_MRTU" to disable/enable Modbus RTU slave port	
wpdmo_22	PWM I/O demo. (Pulse Width Modulation), minimum scale is 2ms for WinPAC	slot 0: I-8055W

wpdmo_23	Send Time String to COM3:RS-232 every second by using COMOPEN, COMSTR_W (FAQ-59)	
wpdmo_24	Send string to COM3 when alarm 1 to 8 happens	slot 0: I-87055W
wpdmo_26	To move some pulse at x-axis of I-8091W of slot 1 in WP-8xx7 (Chapter 18 of the “ISaGRAF User's Manual”)	slot 1: I-8091W
wpdmo_27	Motion x (Chapter 18 of the “ISaGRAF User's Manual”)	slot 1: I-8091W slot 2: I-8090W
wpdmo_28	Motion x-y (Chapter 18 of the “ISaGRAF User's Manual”)	slot 1: I-8091W slot 2: I-8090W
wpdmo_29	Moving to he Abs. position when CMD is given (Chapter 18 of the “ISaGRAF User's Manual”)	slot 1: I-8091W slot 2: I-8090W
wpdmo_30	WP8xx7(10.0.0.102) link two i8KE8 + I/O, one is 10.0.0.108, one is 10.0.0.109 (FAQ-42)	
wpdmo_31	WP8xx7(10.0.0.2) link one i8Ke8 + I/O (10.0.0.109) (FAQ-42)	
wpdmo_32	Set up WP8xx7 as TCP/IP Client & link to other TCP/IP server (1 connection) (Chapter 19.3 of the “ISaGRAF User's Manual”)	slot 0: I-87055W
wpdmo_33	Same as Wpdmo_32 but send message only when event last for larger than 3 seconds	slot 0: I-87055W
wpdmo_36	Read Real Val from Modbus RTU device (FAQ-47 & 75)	
wpdmo_37	Write Real Val to Modbus RTU device (FAQ-47 & 75)	
wpdmo_38	Using Modbus function code 6 to write 16 bits (FAQ-46 & 75)	
wpdmo_39	WP-8xx7 + I-8172W connecting FRnet I/O modules (FAQ-82)	
wpdmo_41	COM3 connecting 1:M7053D + 2:M7045D (MBRTU format, baud=9600) (Chapter 21 of the “ISaGRAF User's Manual”)	
wpdmo_42	COM3 connecting 1:M-7053D to get D/I counter value (MBRTU format, baud=9600)	
wpdmo_43	COM3 connecting 1:M7017R + 2:M7024 (MBRTU format, baud=9600)	
wpdmo_44	COM3 connecting 1:M7017RC, Current input, +/- 20mA, 4-20mA (Modbus format)	
wpdmo_45	COM3 connecting 1:M-7019R (set as T/C K-type input) (MBRTU format, baud=9600)	
wpdmo_46	COM3 connecting 1:M7080 (MBRTU format, baud=9600)	
wpdmo_48	VB.net 2005 demo - "MBTCP_demo" (FAQ-51)	
wpdmo_50	Non-linear conversion. like give P to find V (P, V relation listed in a file)	
wpdmo_51	Read 10 REAL value from a file, 10 rows, each row has 1 REAL value, use str_real	
wpdmo_52	Msg_F. I-8xx7: since 3.19. i7188EG/XG: since 2.17/2.15. W8xx7: since 3.36, WP-8xx7	
wpdmo_53	Msg_N. I-8xx7: since 3.19. i7188EG/XG: since 2.17/2.15. W8xx7: since 3.36, WP-8xx7	

wpdmo_54	Read 20 REAL values from a file, 4 rows, each row has 5 REAL values, uses msg_f (FAQ-60)	
wpdmo_55	Read 20 Integers from a file, 2 rows, each row has 10 Integers, uses msg_n	
wpdmo56	Retain 17 REAL value in a file, 2 rows, each row has 10 REAL value	
wpdmo56a	Retain 2 Boo + 17 REAL in a file, 2 rows, each row has 10 REAL value	
wpdmo56b	Retain 25 Integer in a file, 2 rows, each row has 10 integer value	
wpdmo56c	Retain 2 Boo + 25 Integer in a file, 2 rows, each row has 10 integer value (FAQ-60)	
wpdmo56d	Retain 17 Real + 2 Boo + 10 Integer in 2 file, each row has 10 value	
wpdmo56e	Retain more than 255 Real, 255 Boo, 255 Integer in 2 file, up to 1024.	
wpdmo_61	i8xx7, WP8xx7: Auto Report data to PC via UDP. Controller=10.0.0.103, PC=10.0.0.91	
wpdmo_62	Send email via Ethernet port. (To one receiver without attached file) (FAQ-67, 71, 72, 76 or 77)	
wpdmo_63	For WP-8xx7 & W-8xx7 only. Send email to one receiver with one attached file (FAQ-67, 71, 72, 76 or 77)	
wpdmo64a	station 1001. Time synchronization of many controllers via Ethernet.	
wpdmo64b	station 1002. Time synchronization of many controllers via Ethernet.	
wpdmo65a	WP8xx7: Record temperature per minute to a file. Then send it by email per day (FAQ-67 , 71, 72, 76 or 77)	slot 2: I-87018z
wpdmo65b	WP8xx7: Same as wdmo_65a but add time synchronization and state report to PC. (FAQ-67, 71, 72, 76 or 77)	slot 2: I-87018z
wpdmo_66	Record 1 to 4-Ch. i8017HW voltage per 20ms, then send this record file by Email	slot 2: I-8024W slot 3: I-8017HW
wpdmo_70	FRnet : WP-8xx7 or iP-8447, Port0	slot 1: I-8172W FR-2057 (addr=4) FR-2053 (addr=8)
wpdmo71a	WP-8xx7 COM4 connects I-7530 -- "CANopen" ID=1 device (8DI, 8DO, 4AO, 8AI) (FAQ-86)	
wpdmo71b	Similar as wdmo_71A but connecting two I-7530. One is at COM5, one is at COM6	
wpdmo71c	WP8xx7 COM4 – 7530 -- CAN device to get string (with float or integer data inside)	
wpdmo71d	Similar as wdmo_71c but connecting two I-7530. One is at COM5, one is at COM6	
wpdmo71e	WP-8xx7: COM5 --- I-7530 --- CANopen device. COM6 --- I-7530 --- CAN device	
wpdmo72a	New WP-8xx7 redundant system with RU-87P4 + I-87K I/O (Without Touch HMI) (FAQ-93)	
wpdmo72b	Same as wpdmo72a but setup COM1 as Modbus RTU slave port to connect one RS-232 Touch HMI (FAQ-93)	
wpdmo72c	New WP-8xx7 redundant system with I-8KE8-MTCP I/O (Without Touch HMI)	

wpdmo72d	New WP-8xx7 redundant system without I-7000 or I-87K I/O or I-8KE8-MTCP I/O (Without Touch HMI)	
wpdmo74a	get average value of one REAL value (FAQ-99)	
wpdmo74b	get average value of one Integer value (FAQ-99)	
wpdmo75	Using the I-8088W(8-ch, PWM output) in slot0	slot 0: I-8088W
wpdmo75b	Connect the I-87088W (I-7088) (addr=1,baud=115200) via WP-8xx7's COM2:RS485	I-87088W (I-7088)
wpdmo76	SMS : WP-8447, COM4: GTM-201-RS232	GTM-201-RS232
wpdmo77a	sending / Receiving UDP bytes by using eth_udp and eth_send( ) and eth_recv( )	
wpdmo77b	sending / Receiving TCP bytes by using eth_tcp and eth_send( ) and eth_recv( )	
wpdmo78	WP-8xx7 COM2 Mbus Master---M-7011 (ID=1, baud=9600) to get AI,DI (FAQ-118)	M-7011
wpdmo79a	AP1 of FAQ119: Mbus RTU Master (Central station)	
wpdmo79b	AP1 of FAQ119: Mbus RTU Slave (local 1). Must set PAC ID (Slave Number) to 1	
wpdmo79c	AP1 of FAQ119: Mbus RTU Slave (local 2). Must set PAC ID (Slave Number) to 2	
wpdmo80a	AP2 of FAQ119: Mbus TCP Master (Central station)	
wpdmo80b	AP2 of FAQ119 (local 1). Must set ID to 1, LAN1=192.168.1.178, LAN2=192.168.1.179	
wpdmo80c	AP2 of FAQ119 (local 2). Must set ID to 1, LAN1=192.168.1.180, LAN2=192.168.1.181	
wpdmo81	WP-8xx7+slot 1: I-8017HW (single-End) to get Moving Average (refer to FAQ-120)	slot 1: I-8017HW
wphmi_01	WinPAC Web HMI example 1, Display controller's date & time (No I/O board)	
wphmi_02	WinPAC Web HMI example 2, DI & DO demo	slot 0: I-87055W
wphmi_03	WinPAC Web HMI example 3, R/W Long, float & Timer value (No I/O board)	
wphmi_04	WinPAC Web HMI example 4, R/W controller's String (No I/O board)	
wphmi_05	WinPAC Web HMI example 5, Multi-Page demo, slot 0: I-87055W,Menu is on the Left	slot 0: I-87055W
wphmi05a	WinPAC Web HMI example 5A, Multi-Page demo, Menu is on the Top	slot 0: I-87055W
wphmi_06	WinPAC Web HMI example 6, AIO demo, scaling is in ISaGRAF	slot 2: I-87024W slot 3: I-8017HW
wphmi_07	WinPAC Web HMI example 7, AIO demo, scaling is in PC	slot 2: I-87024W slot 3: I-8017HW,
wphmi_08	WinPAC Web HMI example 8, download controller's file to PC	slot 0: I-87055W
wphmi_09	WinPAC Web HMI example 9, pop up an alarm window on PC	slot 0: I-87055W
wphmi_11	Trend curve demo	slot 2: I-87024W slot 3: I-8017HW

wphmi_12	Record 1 to 8 Ch. I-8017HW 's volt every 50ms and draw trend curve by M.S.Excel	I-8017HW
wphmi_13	Record 1 to 4-Ch. I-8017H's voltage every 10ms and draw trend curve by M.S.Excel	I-8017HW