For the I-8417/8817/8437/8837:

Project Name	Description	I/O Boards or Complex Equipment Used
Demo_01	Timer Control	Push4Key, Show3Led
Demo_01a	To do something at some sec later when an event happens	Push4Key, Show3Led
Demo_02	Start, Stop, & Reset Timer	Push4Key, Show3Led
Demo_03	R/W System Date & Time. To output at a scheduled time interval, For ex. Monday, 09:00 ~ 18:00, Sunday, 10:00 ~ …	
Demo_04	Calculate Empty Cycle Time	
Demo_05	Blinking Output	Push4Key, Show3Led
Demo_06	Change Output Mode	Push4Key, Show3Led
Demo_07	Show A Value To S-MMI	Push4Key, Show3Led
Demo_08	Input A Value To S-MMI	Push4Key, Show3Led
Demo_09	Integer Calculation	
Demo_10	Display Analog Input Value To S-MMI	I-87017, I-87024, Push4Key
Demo_11a	Fbus Master, NET_ID = 1	Fbus_m, Push4Key, Show3Led
Demo_11b	Fbus Slave, NET_ID = 2	Fbus_s, Push4Key
Demo_12	Use COM3 To Receive User-Defined Command From PC	Show3Led
Demo_13	Send User-Defined Data To PC Via COM3 Every 3 Seconds	I-87017
Demo_14	Convert I-7000 & I-87xx Protocol To Modbus Protocol	Bus7000
Demo_15a	Link To Other Modbus Devices	Mbus
Demo_15b	Simulate I-8417 As A Modbus Device For Demo_15a To Link To This Project	
Demo_16	Periodic Pulse Generation, And Send Modbus Commands To Another Controller	Push4Key, Mbus
Demo_17	Read / Write EEPROM	

Demo_18	PID control	
Demo_21	Write one string to Com5 & Com6	Push4Key, Show3Led
Demo_22	Receive message and echo back to Com5 or Com6	Show3Led
Demo_23	Receive a user defined protocol from PC	Show3Led
Demo_27	Motion x, Napdos\ISaGRAF\8000\Driver\motion.pdf	slot 0: I-8091 slot 1: I-8090 Show3Led
Demo_27a	Motion x, Napdos\ISaGRAF\8000\Driver\motion.pdf	slot 0: I-8091a Show3Led
Demo_28	Motion x-y Napdos\ISaGRAF\8000\Driver\motion.pdf	slot 0: I-8091 slot 1: I-8090 Show3Led
Demo_29	Store 1200 short-int values every 75 sec. and then send to PC via COM3	I-87017
Demo_30	Store 2880 short-int values every 18 sec. and then send to PC via COM3	I-8017h
Demo_31	Press push button 1 to send an email from COM4 of I-8xx7	Push4Key
Demo_32	Press Push button 1 or 2 or 3 to send emails to two users with multi-buffers	Push4Key
Demo_33	R/W user defined protocol via Com3	Show3Led
Demo_34	ISaGRAF Spotlight Demo	Push4Key Show3Led
Demo_35a	Time Synchronization: SA. Update Date & Time at this controller will synchronize date & time at SB	Fbus_m
Demo_35b	Time Synchronization : SB	Fbus_s
Demo_36	Get driver version of I-8xx7	
Demo_37	Spotlight demo	Push4Key Show3Led
Demo_38	I-8xx7 talks to the MMICON : Demo 1	MMICON
Demo_39	8xx7 talks to the MMICON : Demo 2	MMICON
Demo_40	store 8 A/I (binary) to S256 per min, then PC can load it by "ICPDAS UDloader"	I-8017h S256_512 Show3Led
Demo_41	Record Alarm (text) to S256/512 & PC can load it by "ICPDAS UDloader"	S256_512 Show3Led
Demo_42	store 8 A/I (text) to S256 per min, then PC can load it by "ICPDAS	I-8017h

	UDloader"	S256_512 Show3Led
Demo_43	SMS demo, Please declare your own phone No. in the dictionary, message type	SMS Show3Led Push4key
Demo_44	Demo of PC to download data to the S256/512	Show3Led
Demo_46	Motion control : Pulse move at a specified speed	I-8091 I-8090 Push4Key
Demo_49a	Redundant : 8437/8837 redundant Master	Bus7000 Ebus_m
Demo_49b	Redundant : 8437/8837 redundant slave	Bus7000 Ebus_s
Demo_50	PWM I/O demo. (Pulse Width Modulation)	I-8055
Demo_52	Parallel D/I counter demo 1 at slot 0 (Counter Value is retained in this demo)	I-8051 Push4Key
Demo_53	Parallel D/I counter demo 2 at slot 0 (high speed near 1K) (Not retained)	I-8051 I-8056 Push4key
Demo_54a	Modbus Master	Mbus Push4key
Demo_54b	Modbus Slave	
Demo_55	PWM I/O demo 2. (Pulse Width Modulation)	I-8055
Demo_58	Stepping motor controller	Push4key I-8041
Demo_59	Stepping motor controller	Push4key I-8041
Demo_61	DI counters using DI_CNT, 8xx7 + 8051 Do something when DI signal happens	I-8051
Demo_63	PWM & DI_CNT demo, ON & OFF time can be dynamically changed	I-8055
Demo_70	Send string to COM3 when alarm 1 to 8 happens (Access to variables as array)	Slot 1 : I-8077