Pin Name	Pin #	Used For	Pin Name	Pin #	Used For	PILOT_IN	ADC Pilot Read
1	4	PILOT_IN (B)	4	4	SW_IN (A)	CT_IN	Current Transformer ADC Input
2	5	PILOT_IN (A)	5	5	SW_IN (B)	PWM	PWM Generation Pin
42	6	PILOT_IN (C)	6	6	RL_OUT (A)	RL_OUT	Relay Driver Pin
41	7	PILOT_IN (D)	7	7	RL_OUT (B)	SW_IN	Switch Input
40	8	CT_IN (A)	15	8	RL_OUT (C)		
39	9	CT_IN (B)	16	9	RL_OUT (D)		
38	10	CT_IN (C)	17	10	NFC_MOSI		
37	11	CT_IN (D)	18	11	LCD_SDI		
36	12	LCD_CS	8	12	NFC_SCK		
35	13	DO NOT USE	3	13	LCD_DC		
0	14	PWM_C	46	14	GLED_OUT		
45	15	PWM_D	9	15	RLED_OUT		
48	16	NFC_CS	10	16	PWM_B		
47	17	LCD_RST	11	17	PWM_A		
21	18	LCD_SCK	12	18			
20	19	NFC_MISO	13	19	SW_IN (C)		
19	20	NFC_RST	14	20	SW_IN (D)		