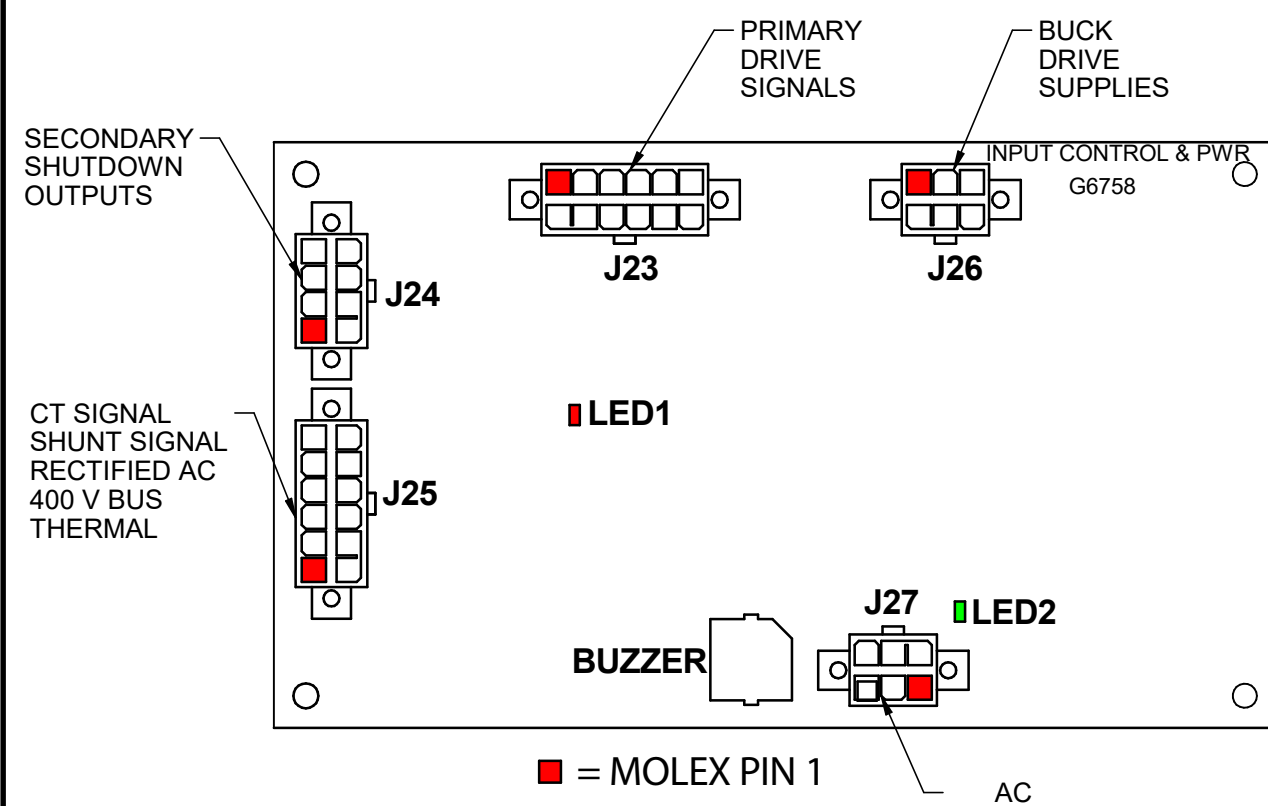


PFC CONTROL P.C. BOARD

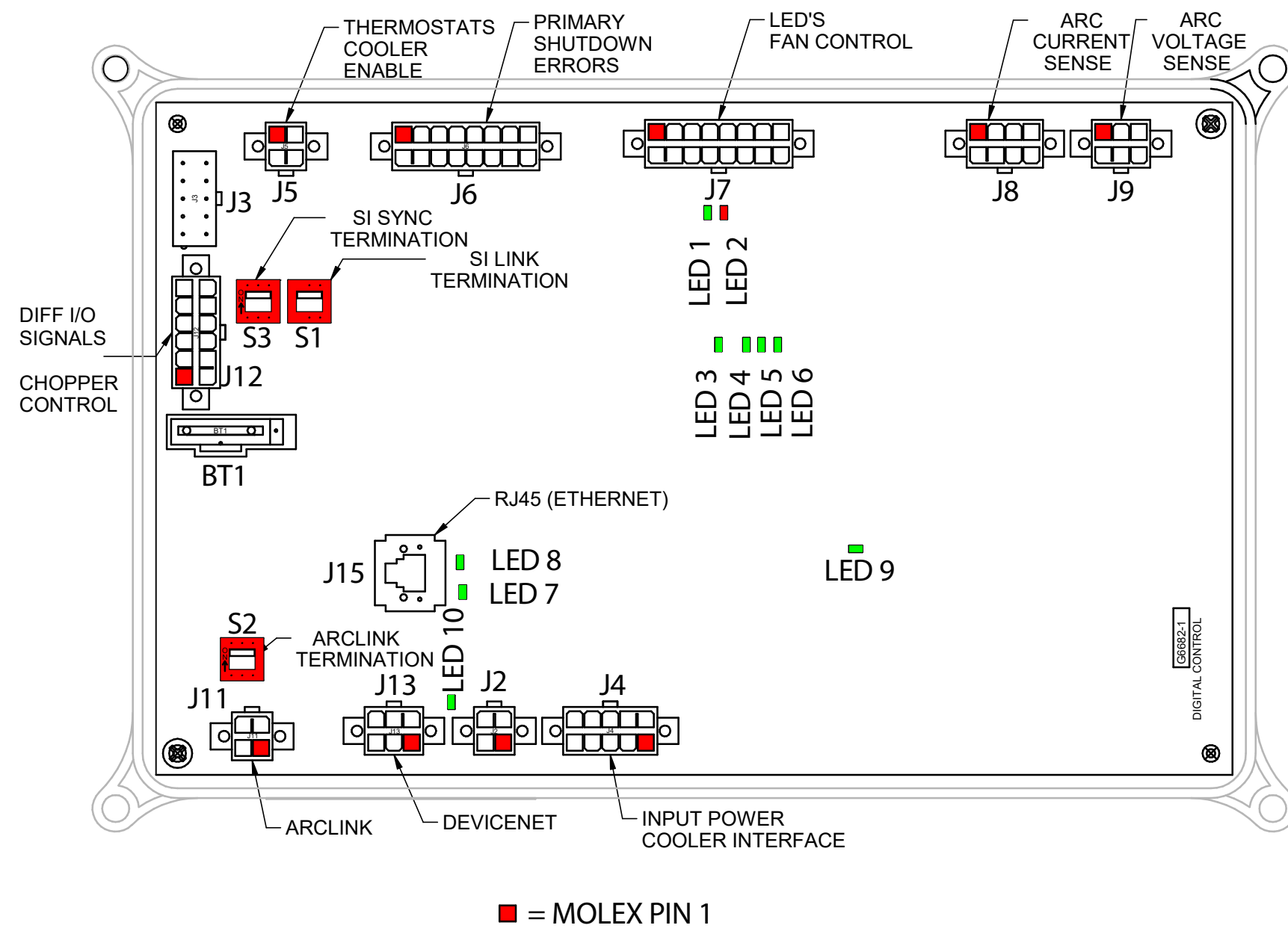


Description of LED functions on Power Wave C300 For reference only

G6758 PFC CONTROL P.C. BOARD		
LED #	COLOR	FUNCTION
2	GREEN	15 VDC POWER SUPPLY FUNCTIONING PROPERLY WHEN ON
1	RED	ERROR CODE (LED WILL FLASH ERROR AND BUZZER WILL SOUND) SEE TABLE BELOW FOR DETAILS

ERROR CODE	
ERROR	EXPLANATION
331	PEAK INPUT CURRENT LIMIT
334	START UP CURRENT CHECK FAILURE
335	START UP VOLTAGE CHECK FAILURE
336	THERMAL FAULT (NO FIRST STAGE FAN)
337	PRECHARGE TIMEOUT
346	TRANSFORMER PRIMARY OVERCURRENT

CONTROL P.C. BOARD



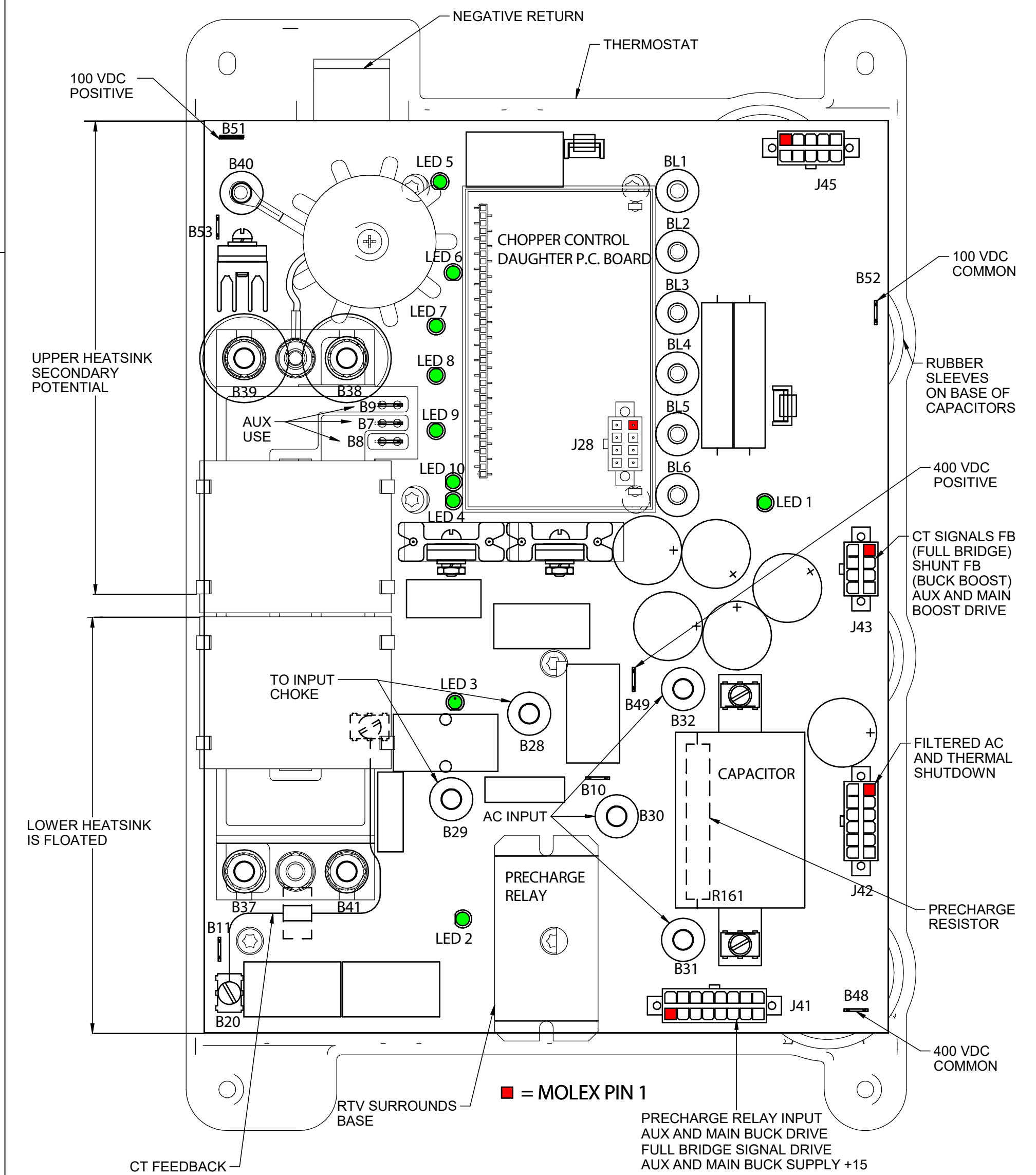
Description of LED functions on Power Wave C300 For reference only

G6682 CONTROL P.C. BOARD		
LED #	COLOR	FUNCTION
1	GREEN	STATUS "OK"
2	RED	STATUS "ERROR" (CHECK CODE FOR SPECIFIC ERROR)
3	GREEN	OUTPUT ENABLE
4	GREEN	SINGLE PHASE FAULT
5	GREEN	ELECTRODE SENSE
6	GREEN	WORK SENSE
7	GREEN	ETHERNET LINK/ACTIVITY STATUS
8	GREEN	ETHERNET SPEED STATUS
9	GREEN	INPUT SUPPLY 30 VDC TO 55 VDC
10	GREEN	DEVICENET EXTERNAL 24 VDC PRESENT

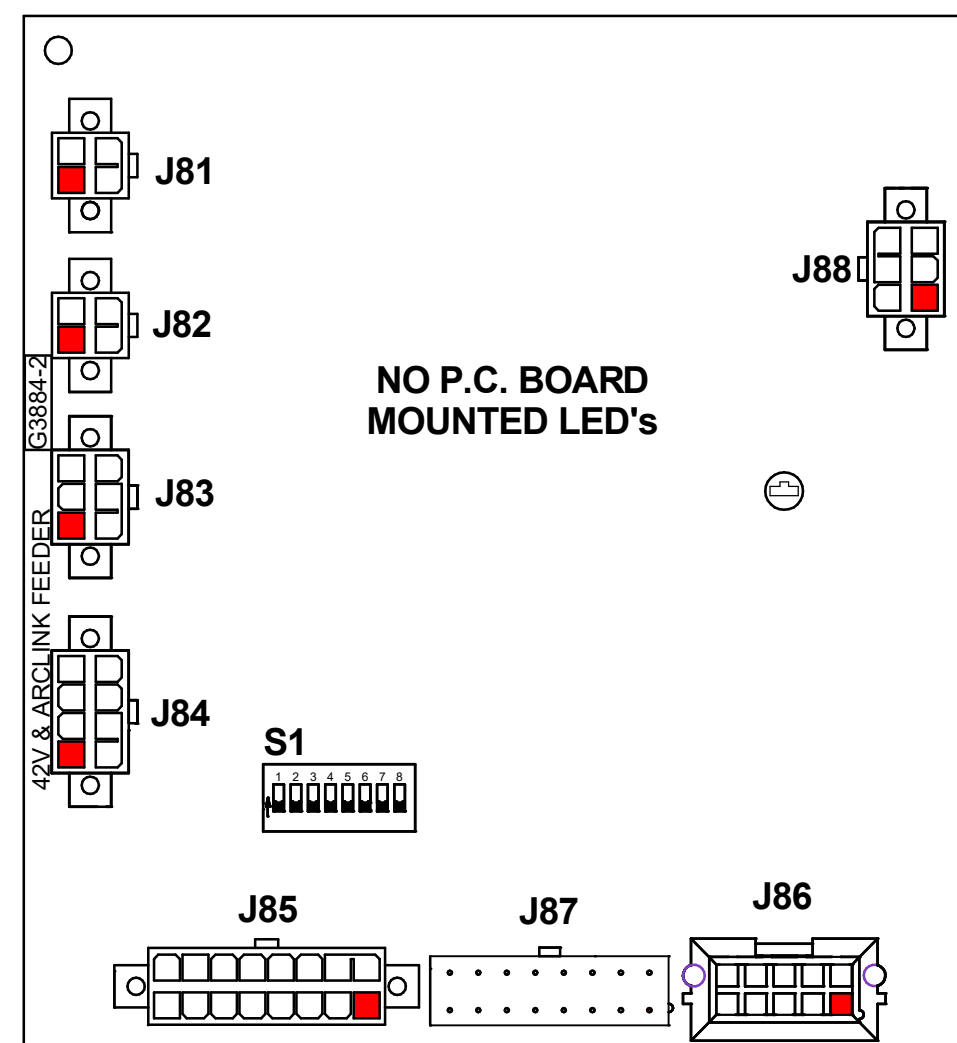
3 STAGE INVERTER SWITCHBOARD P.C. BOARD

Description of LED functions on Power Wave C300 For reference only

G4770 SWITCHBOARD P.C. BOARD		
LED #	COLOR	FUNCTION
1	GREEN	48 VDC AUXILIARY POWER FUNCTIONING WHEN ON
3	GREEN	BOOST IGBT DRIVE FUNCTIONING WHEN ON
4	GREEN	15 VDC POWER FUNCTIONING PROPERLY WHEN ON
5	GREEN	CHOPPER IGBT 1 DRIVE FUNCTIONING WHEN ON
6	GREEN	CHOPPER IGBT 2 DRIVE FUNCTIONING WHEN ON
7	GREEN	CHOPPER IGBT 3 DRIVE FUNCTIONING WHEN ON
8	GREEN	CHOPPER IGBT 4 DRIVE FUNCTIONING WHEN ON
9	GREEN	CHOPPER IGBT 5 DRIVE FUNCTIONING WHEN ON
10	GREEN	CHOPPER IGBT 6 DRIVE FUNCTIONING WHEN ON
11	GREEN	BUCK IGBT DRIVE FUNCTIONING WHEN ON

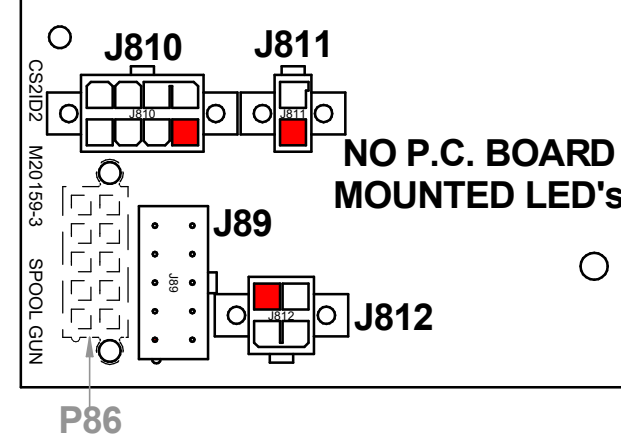


FEEDHEAD P.C. BOARD



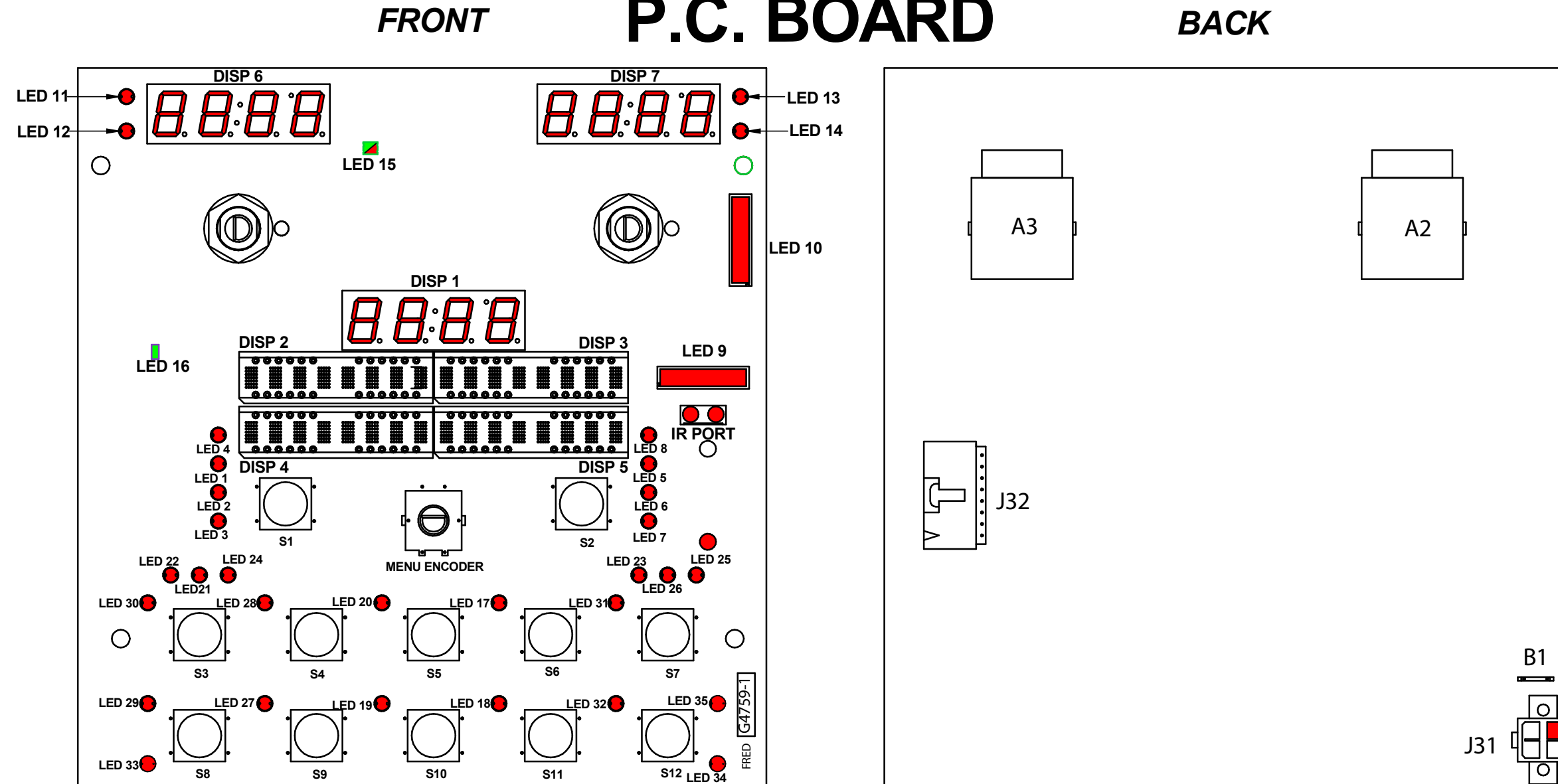
G3884 FEEDHEAD P.C. BOARD		
SWITCH	POSITION	DESCRIPTION
1-6	OFF	UNUSED SWITCHES
7	OFF	FOR "POSITIVE" ELECTRODE POLARITY
	ON	FOR "NEGATIVE" ELECTRODE POLARITY
8	OFF	FOR "LOW" FEED SPEED GEAR
	ON	FOR "HIGH" FEED SPEED GEAR

SPOOL GUN DAUGHTER BOARD



■ = MOLEX PIN 1

F.R.E.D. P.C. BOARD



Description of LED functions on Power Wave C300 For reference only

G4759 F.R.E.D. P.C. BOARD		
LED #	COLOR	FUNCTION
1	RED	N/A
2	RED	WAVE CONTROL SELECT
3	RED	N/A
4	RED	N/A
5	RED	N/A
6	RED	PRE-WELD CONTROL SELECT
7	RED	POST-WELD CONTROL SELECT
8	RED	N/A
9	RED	SETUP MENU ENABLED
10	RED	THERMAL FAULT MEASURED
11	RED	WIRE FEED SPEED SELECT
13	RED	VOLTS SELECT
14	RED	TRIM SELECT
15	GREEN	STATUS "OK"
16	GREEN	POWER SUPPLY FUNCTION "OK"
17	RED	MEMORY SELECT SWITCH 6
18	RED	MEMORY SELECT SWITCH 11
19	RED	MEMORY SELECT SWITCH 10
20	RED	MEMORY SELECT SWITCH 5
21	RED	TORCH DUAL PROCEDURE SELECT
22	RED	PROCEDURE A SELECT
24	RED	PROCEDURE B SELECT
25	RED	N/A
26	RED	N/A
27	RED	MEMORY SELECT SWITCH 5
28	RED	MEMORY SELECT SWITCH 4
29	RED	2 STEP TRIGGER MODE
30	RED	N/A
31	RED	MEMORY SELECT SWITCH 7
32	RED	MEMORY SELECT SWITCH
33	RED	4 STEP TRIGGER MODE
34	RED	N/A

NOTE: P.C. BOARD GRAPHICS ARE FOR REFERENCE ONLY. SEE P.C. BOARD DRAWINGS FOR UP TO DATE INFORMATION.