



Label Assembly Note
This Assembly Note is for PCB labels only hese assemblies are ESD sensitive, ESD precautions shall be observed These assemblies must be clean and free from flux and all contaminants. Use of no clean flux is not acceptable. These assemblies must comply with workmanship standards IPC-A-610 Class 2, unless otherwise specified.

> 487k Q1 2N7002KW Q2 2N7002KW 10.0k 10.0k

ACL: AC Line input. Combined with ACN, they are used to detect the AC voltage and

perform X cap discharging ACN: AC Neutral input

VBLK: output voltage of PFC stage. 400VDC

HO: to Gate of high side FET

HS: to intermediate node of half bridge, return path of HO. High voltage switching node VCR: tied to resonant capacitor node, sense the resonant capacitor voltage and resonant current (?)

LO: to Gate of low side FET

BSW: to sense the bias winding voltage for output OVP, connect to the winding before rectifier diode. Switching node

VCC: bias power from bias winding, after the rectifier diode. 12VDC

GND: ground plane of power board (two pins for shielding BSW and LO) RVCC: to VCC of PFC controller. It is used to supply a DC voltage to PFC controller

FB: optocoupler output for output feedback. The current is injected into part directly

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PCB LOGO Pb-Free Symbo

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