



Product/Process Change Notification Form

PCN Number:	PCN-2013-0482
Date of Notification:	12/17/2013
Apex P/N(s):	PA81J, PA81J-B, PA82J, PA83, PA83A, PA84, PA84A, PA84S, PB51, PB51A, PB58, PB58-S, PB58A
Date PCN Effective:	12/17/2013
Reason for Change:	<input checked="" type="checkbox"/> Design /New Rev. <input type="checkbox"/> Assembly Site <input type="checkbox"/> Assembly Process <input type="checkbox"/> Other (specify) Component obsolescence
Description of Change:	Replacement of the obsoleted component resulted in increased Iq values on all models listed above by 1.6mA typical. (W/C is 3.2mA increase). See page 2 for table of values. Apex is in the process of redesigning the devices to accommodate replacement component, returning Iq to original values. Completion for all devices to be 12/17/14 or earlier.
Apex P/N Change:	<input type="checkbox"/> Yes, New Part Number: <input checked="" type="checkbox"/> No
Lot Effective Date:	12/17/2013
Quality & Reliability impact:	Qualification Data: <input type="checkbox"/> Required <input checked="" type="checkbox"/> Not Required
Datasheet Change Required?	<input type="checkbox"/> Yes <input checked="" type="checkbox"/> No If Yes, briefly explain:

PCN-2013-482

Increases in Iq max			
Model	Old Iq max	New Iq max	Conditions
PA81J	8.5mA	11.7mA	Vs = +/-75V
PA81J-B	8.5mA	11.7mA	Vs = +/-75V
PA82J	8.5mA	11.7mA	Vs = +/-150V
PA83	8.5mA	11.7mA	Vs = +/-150V
PA83A	8.5mA	11.7mA	Vs = +/-150V
PA84	7.5mA	10.7mA	Vs = +/-150V
PA84A	7.5mA	10.7mA	Vs = +/-150V
PA84S	7.5mA	10.7mA	Vs = +/-150V
PB51	18mA	21.2mA	Vs = +/-150V
PB51A	18mA	21.2mA	Vs = +/-150V
PA58	18mA	21.2mA	Vs = +/-150V
PB58-S	18mA	21.2mA	Vs = +/-150V
PB58A	18mA	21.2mA	Vs = +/-150V

Unit Marking Date Code Identification

