



Product Change Notice Form

PCN #: 17004

This form is used to give notice to a changed product. Approvals indicate agreement with all information contained herein. The document will be implemented and released when all authorizing signatures have been obtained.

Originator:	Kelsey Mehlhorn	Effective Date:	August 23, 2017		
Manufacturing Part #:	TK80C51FA-AI, TK80C51FA-PI, TK80C51FA-BI	Internal Revision #	TK7585 to TK7821A TK7586 to TK7821P TK7587 to TK7821B		
PCN Type: <input type="checkbox"/> Datasheet <input checked="" type="checkbox"/> Product Revision <input type="checkbox"/> Discontinuance <input checked="" type="checkbox"/> Foundry <input type="checkbox"/> Assembly <input type="checkbox"/> Test <input type="checkbox"/> Packing <input type="checkbox"/> Labeling <input type="checkbox"/> Other					
Description of Change: The TK80C51FA-AI, TK80C51FA-PI, TK80C51FA-BI, internal design number TK7585, TK7586, and TK7587, are made at Plessey Semiconductor, who has closed their 0.35u fab line. The TK80C51FA-AI, TK80C51FA-PI, TK80C51FA-BI, internal design number TK7821A, TK7821P, TK7821D has had all known errata fixed, and has been transferred to the 0.35u fab line at X-Fab Dresden. Shipment of the new revision will commence once the old TK7585, TK7586, and TK7587 parts are depleted.					
Justification (Reason for Change): The Plessey fab closure forced the retooling at a new fab. Making a new mask set allowed the correction of errata.					
Properties of Old vs. Changed Product: No change to specifications					
Impact on product form, fit, function, quality, or reliability: No Change.					
Last Date of Unchanged Product: Date code 1611(TK7585), 1637 (TK7586) and 1413 (TK7587) We anticipate that the last of the old product will be sold by the end of 2017. New parts will be available for qualification in December, 2017.					
Date for Customer Feedback: September 23, 2017 (Note: If no comments are received by the date indicated, this will be taken as your agreement to change.)					
APPROVAL REQUIREMENTS					
Signers	Signature	Date	Signers	Signature	Date
Management:		8/23/17			
Quality:		8/23/17			
Operations:		8/23/17			