

Precision Design Associates, Inc. 645 Hembree Parkway – Suite G Roswell, GA 30076

ECR	#: 2023-01-002 Issue Date:_	1/09/202	3 Originator: Phil Wills		
Prog	gram and/or Customer Name: <u>TM4301</u>	4.3" touc	hscreen		
Part	Numbers Affected: 90-00123-A0				
New	v Part Number or Revision Number: <u>90-</u>	00123-CC)		
Тур	e of Request (check all that apply)				
х	Design	х	Clerical		Test Procedure
х	Manufacturing/Assembly		Data Sheet		Tooling
Х	BOM Change	х	Procured Part Change		Software, Firmware, Config Settings
	Cost Reduction		Regulatory (UL, CE, FCC, etc)		Other:
Deta	ailed description of changes requested.	Attach d	ocuments as needed		
Due need	to severe supply chain disruptions in th d to add alternate sources for ICs where	e IC indu possible	stry, we are facing very long lead tir to avoid material shortages.		ed ship dates for existing purchase orders. We
	nge touchscreen controller from ATMX 5 to 0X02. The ATMXT336T was located				tion protocol. The device ID will change from n the touchsensor FPC (Chip on Flex).
Change 1-Wire IC where module ID is stored from Maxim DS2433 to Microchip AT21CS01. This only effects designs that read the 1-wire IC to confirm which display model is connected. The Microchip driver was already modified to support this change for the TM5000					
IC D		eft floatir			e minor difference is that on the original driver ole the LCD. The Microchip driver was already
Chai	nge Affects (check all that apply)				
× □	New Production Work In Process – Scrap Work in Process – Rework		Finished Inventory – Scrap Finished Inventory – Rework Field Upgrade		Product Recall Other: Other:
Imp	ementation Date: January 9, 2023				
Imp	lementation Lot Code (if applicable): 2	302			
Approvals Originator: Phil Wills					Date: 2/13/23 Date: Date: 2/13/23 Date: 2/13/23
Cust	omer Approvals (if applicable)				
Prog	gram Manager:				Date:
Engi	neering:				Date:
Mar	nufacturing:				Date:
Qua	lity:				Date: