

34959A-02

# Modification Recommended Service Note

Supersedes:  
NONE

## 34959A Breadboard Module for 34980A

Serial Numbers: Refer to the table on page 2.

**The Problem** – Failure on 34959A Digital I/O Function.

### Parts Required:

P/N	Description	Qty.
34959-60001	Breadboard new replacement unit	1

### ADMINISTRATIVE INFORMATION

ACTION	<input checked="" type="checkbox"/> ON SPECIFIED FAILURE	STANDARDS			
CATEGORY:	<input type="checkbox"/> AGREEABLE TIME	LABOR:	0.5 Hours		
LOCATION	<input checked="" type="checkbox"/> SERVICE CENTER	SERVICE:	<input type="checkbox"/> RETURN	USED	<input type="checkbox"/> RETURN
CATEGORY:	<input type="checkbox"/> ON-SITE (active On-site contract required)	INVENTORY:	<input type="checkbox"/> SCRAP	PARTS:	<input type="checkbox"/> SCRAP
	<input type="checkbox"/> CHANNEL PARTNERS		<input checked="" type="checkbox"/> SEE TEXT		<input checked="" type="checkbox"/> SEE TEXT
AVAILABILITY:	PRODUCT'S SUPPORT LIFE	NO CHARGE AVAILABLE UNTIL:	27 Sep 2023		
	<input type="checkbox"/> Calibration Required	PRODUCT LINE:	GM		
	<input checked="" type="checkbox"/> Calibration NOT Required	AUTHOR:	WY		

ADDITIONAL INFORMATION:

Situation:

Breadboard module with serial number listed in the table below will exhibit Digital I/O failure due to the microcontroller IC. The failure can only be observed if you are using the Digital I/O function. There is no issue with other product functionalities.

The table below shows the impacted serial numbers:

MY56480055	MY56480085	MY56480119	MY56480145	MY56480175	MY56480205
MY56480056	MY56480086	MY56480117	MY56480146	MY56480176	MY56480206
MY56480057	MY56480087	MY56480121	MY56480147	MY56480177	MY56480207
MY56480058	MY56480088	MY56480116	MY56480148	MY56480178	MY56480208
MY56480059	MY56480090	MY56480115	MY56480149	MY56480179	MY56480209
MY56480060	MY56480091	MY56480113	MY56480150	MY56480180	MY56480210
MY56480061	MY56480092	MY56480120	MY56480151	MY56480181	MY56480219
MY56480062	MY56480093	MY56480122	MY56480152	MY56480182	MY56480220
MY56480063	MY56480094	MY56480123	MY56480153	MY56480183	MY56480221
MY56480064	MY56480089	MY56480124	MY56480154	MY56480184	MY56480222
MY56480065	MY56480095	MY56480125	MY56480155	MY56480185	MY56480223
MY56480066	MY56480096	MY56480126	MY56480156	MY56480186	MY56480224
MY56480067	MY56480097	MY56480127	MY56480157	MY56480187	MY56480225
MY56480068	MY56480098	MY56480128	MY56480158	MY56480188	MY56480226
MY56480069	MY56480099	MY56480129	MY56480159	MY56480189	MY56480227
MY56480070	MY56480100	MY56480130	MY56480160	MY56480190	MY56480228
MY56480071	MY56480101	MY56480131	MY56480161	MY56480191	MY56480229
MY56480072	MY56480102	MY56480132	MY56480162	MY56480192	MY56480230
MY56480073	MY56480103	MY56480133	MY56480163	MY56480193	MY56480231
MY56480075	MY56480104	MY56480134	MY56480164	MY56480194	MY56480232
MY56480076	MY56480105	MY56480135	MY56480165	MY56480195	MY56480233
MY56480077	MY56480106	MY56480136	MY56480166	MY56480196	MY56480234
MY56480078	MY56480107	MY56480137	MY56480167	MY56480197	MY56480235
MY56480079	MY56480108	MY56480138	MY56480168	MY56480198	MY56480236
MY56480080	MY56480109	MY56480139	MY56480169	MY56480199	MY56480237
MY56480081	MY56480110	MY56480140	MY56480170	MY56480200	MY56480238
MY56480082	MY56480111	MY56480141	MY56480171	MY56480201	MY56480239
MY56480074	MY56480112	MY56480142	MY56480172	MY56480202	MY56480240
MY56480083	MY56480114	MY56480143	MY56480173	MY56480203	MY56480241
MY56480084	MY56480118	MY56480144	MY56480174	MY56480204	MY56480242
MY56480243	MY56480253	MY56480264	MY61150003	MY61310005	MY61350002
MY56480244	MY56480255	MY56480265	MY61220001	MY61310006	MY61360001
MY56480245	MY56480254	MY56480266	MY61250001	MY61310007	MY61360002
MY56480246	MY56480257	MY56480267	MY61250002	MY61310008	MY61380001

MY56480247	MY56480258	MY56480268	MY61260001	MY61310009	MY61420001
MY56480248	MY56480259	MY56480269	MY61260002	MY61310010	MY61420002
MY56480249	MY56480260	MY56480270	MY61310001	MY61310011	MY61450001
MY56480250	MY56480261	MY56480271	MY61310002	MY61320001	MY61450002
MY56480251	MY56480262	MY61150001	MY61310003	MY61330001	MY61450003
MY56480252	MY56480263	MY61150002	MY61310004	MY61350001	MY61490001
MY61490002	MY62120003	MY62160002	MY62200003	MY62200001	MY62250003
MY61490003	MY62120004	MY62160003	MY62200004	MY62200002	MY62250004
MY61490004	MY62120005	MY62160004	MY62230001	MY62160006	MY62190003
MY61490005	MY62120006	MY62160005	MY62230002	MY62160001	MY62190004
MY62080001	MY62120007	MY62190001	MY62250001	MY62120001	MY62150002
MY62080002	MY62150001	MY62190002	MY62250002	MY62120002	MY62150003
MY62080003	MY62080004				

**Solution/Action:**

User who experiences digital I/O failure on a breadboard module within the impacted serial number may contact Keysight Technologies Customer Contact Center at [www.keysight.com/find/contactus](http://www.keysight.com/find/contactus) for a replacement unit.

**Revision History:**

Date	Service Note Revision	Author	Reason for Change
26 Sep 2022	01	WanYee	As Published