

Product Change Notice

Issue Date: 26-February-2024

Change Description:

Update memory setting for accuracy performance optimization

Parts Affected:

Broadcom Part Number	Product Description
AR25-AXXX AR25-ABXX AR25-ASXX AR25-ABXX-TRX AR25-ASXX-TRX	Smart Programmable 25-Bit Reflective Absolute Single-Turn Encoder

Description and Extent of Change:

Change description as follows:

Description	Before Change	After Change
1. Update memory setting at page 8 address 0x3B	h40	h5C

Reasons for Change:

1. Update the memory setting to optimize the accuracy performance.

Effect of Change on Fit, Form, Function, Quality, or Reliability:

There is no impact to product form, fit, function and performance at the product level.

Effective Date of Change:

Product shipment using this change is effective on April 2024.

Please contact your Broadcom field sales engineer or Contact Center for any questions or support requirements. Please acknowledge the receipt of the notice within 30 days of delivery. Lack of acknowledgement within 30 days constitutes acceptance of the change per JEDEC J-STD-046.

Part Number	Part Description
AR25-A12T	Alum CW 512,Thru ID 6mm
AR25-A13T	Alum CW 512,Thru ID 8mm
AR25-A15T	Alum CW 1024,Thru ID 15mm
AR25-A18T	Alum CW 512,Thru ID 12mm
AR25-A20T	Alum CW 1024,Thru ID 20mm
AR25-A30T	Alum CW 1024,Thru ID 30mm
AR25-AB01	25Bits Abs upto 60mm BISS C 100
AR25-AB02	25Bits Abs upto 60mm BISS C 1K
AR25-AB1B-A12T	ASIC + CW 6mmThru H,BISS C
AR25-AB1B-A13T	ASIC + CW 8mmThru H,BISS C
AR25-AB1B-A15T	ASIC + CW 15mmThru H,BISS C
AR25-AB1B-A18T	ASIC + CW 12mmThru H,BISS C
AR25-AB1B-A20T	ASIC + CW 20mmThru H,BISS C
AR25-AB1B-A30T	ASIC + CW 30mmThru H,BISS C
AR25-AB1P-A12T	PCBA CW 6mmThru H,BISS C
AR25-AB1P-A13T	PCBA CW 8mmThru H,BISS C
AR25-AB1P-A15T	PCBA CW 15mmThru H,BISS C
AR25-AB1P-A18T	PCBA CW 12mmThru H,BISS C
AR25-AB1P-A20T	PCBA CW 20mmThru H,BISS C
AR25-AB1P-A30T	PCBA CW 30mmThru H,BISS C
AR25-AS01	25Bits Abs upto 60mm SSI/485/ESL 100
AR25-AS02	25Bits Abs upto 60mm SSI/485/ESL 1k
AR25-AS1B-A12T	ASIC + CW 6mmThru H,SSI/485/ESL
AR25-AS1B-A13T	ASIC + CW 8mmThru H,SSI/485/ESL
AR25-AS1B-A15T	ASIC + CW 15mmThru H,SSI/485/ESL
AR25-AS1B-A18T	ASIC + CW 12mmThru H,SSI/485/ESL
AR25-AS1B-A20T	ASIC + CW 20mmThru H,SSI/485/ESL
AR25-AS1B-A30T	ASIC + CW 30mmThru H,SSI/485/ESL
AR25-AS1P-A12T	PCBA CW 6mmThru H,SSI/485/ESL
AR25-AS1P-A13T	PCBA CW 8mmThru H,SSI/485/ESL
AR25-AS1P-A15T	PCBA CW 15mmThru H,SSI/485/ESL
AR25-AS1P-A18T	PCBA CW 12mmThru H,SSI/485/ESL
AR25-AS1P-A20T	PCBA CW 20mmThru H,SSI/485/ESL
AR25-AS1P-A30T	PCBA CW 30mmThru H,SSI/485/ESL
AR25-AB01-TR01	25Bits Abs upto 60mm BISS C T&R 100
AR25-AB02-TR02	25Bits Abs upto 60mm BISS C T&R 1K
AR25-AS01-TR01	25Bits Abs upto 60mm SSI/485/ESL T&R 100
AR25-AS02-TR02	25Bits Abs upto 60mm SSI/485/ESL T&R 1K
AR25-AC25	AR25 Accuracy Cal. Station