



Product Change Notification



Product Group: Opto Modules & Visibles 27-AUG-2012 / PCN OMV-599-2012 Rev. 0

TITLE: Introduction of new Aether Ic + improved optical filter

DESCRIPTION OF CHANGE: We are pleased to announce the introduction of the new Aether IC generation which replaces the Cartaxo IC series parts.

CLASSIFICATION OF CHANGE: Form Fit Function

REASON FOR CHANGE: Product improvement.

EXPECTED INFLUENCE ON QUALITY RELIABILITY / PERFORMANCE: The Aether product generation brings 20% improvement in sensitivity (Eermin), improved ESD robustness and improved resistance to EMI compared with the Cartaxo parts. The RF robustness of the Heimdall package has been improved to the same high level as the other packages. Also the Standard Mold package has been improved to reduce sensitivity to 3D TV signals and other optical noise sources.

PRODUCT CATEGORY: IR Receivers

PART NUMBERS / SERIES / FAMILIES AFFECTED:
TSOP38xxx, TSOP39xxx + HWXX3xxx (MiniCast package); TSOP32xxx + TSOP34xxx (Mold package); TSOP31xxx (Cast package); TSOP75xxx (Heimdall package)

VISHAY BRAND(S): VISHAY SEMICONDUCTORS

TIME SCHEDULE:

Start Shipment Date: 01-FEB-2013

Last Time Buy Date:

Last Time Shipment Date:

SAMPLES AVAILABLE BEGINNING: 23-AUG-2012

We need samples for evaluation: Yes No
If Yes return this form to contact information below.

PRODUCT IDENTIFICATION: via lot code

QUALIFICATION DATA: Q-Report available now.

Annotations about time schedule:

This PCN is considered approved, without further notification, unless we receive specific customer concerns before: 01-DEC-2012 or as specified by contract.

ISSUED BY:

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For further information, please contact your regional Vishay office.

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Attached Part Number List:

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HWWX38236	TSOP321365S1F	TSOP32338	TSOP341365T1F	TSOP343385S1FBS21	TSOP34833YA1	TSOP34856YA1	TSOP38438	TSOP75230TT	TSOP75436TR	
HWWX382365S1R	TSOP32136YA1	TSOP32338AY1	TSOP34136YA1	TSOP343385S1VF	TSOP34836	TSOP38130	TSOP38438CZ1	TSOP75230WTR	TSOP75436TT	
HWWX38238	TSOP32136YA1F	TSOP32338CD1	TSOP34138	TSOP343385T1F	TSOP34836LL1	TSOP38133	TSOP38438DH1	TSOP75230WTT	TSOP75436WTR	
HWWX382385B1	TSOP32136ZC1F	TSOP32338CD1F	TSOP34138DA1	TSOP343385W1F	TSOP348365B1	TSOP38136	TSOP384385J1	TSOP75233TR	TSOP75436WTT	
HWWX382385S1R	TSOP32138	TSOP32338DB1F	TSOP34138JH1	TSOP34338UH1	TSOP348365B1F	TSOP381365T1	TSOP38440	TSOP75233TT	TSOP75438TR	
HWWX382385T1	TSOP32138LL1F	TSOP32338IV1F	TSOP34138LL1	TSOP34338V1F	TSOP348365I1	TSOP38138	TSOP38456	TSOP75233WTR	TSOP75438TT	
HWWX382385T1R	TSOP321385B1	TSOP32338LL1	TSOP341385B1	TSOP34340	TSOP348365S1BS12	TSOP38138CZ1	TSOP38456CA1	TSOP75233WTT	TSOP75438WTR	
HWWX38338	TSOP321385S1F	TSOP32338LL1F	TSOP341385I1	TSOP34356	TSOP348365S1BS12Z	TSOP38140	TSOP38456CZ1	TSOP75236TR	TSOP75438WTT	
HWWX38348	TSOP32138V1F	TSOP32338QJ1	TSOP341385P1	TSOP34356JK1F	TSOP348365S1BS21	TSOP38156	TSOP38530	TSOP75236TT	TSOP75440TR	
HWWX39438DH1RG	TSOP32140	TSOP32338SA1	TSOP341385S1BS12	TSOP34356JK1FBL	TSOP348365S1F	TSOP38156CZ1	TSOP38533	TSOP75236WTR	TSOP75440TT	
HWWX394385T1R	TSOP32156	TSOP32338SB1	TSOP341385T1F	TSOP34356SB1	TSOP348365T1	TSOP38156PC1	TSOP38536	TSOP75236WTT	TSOP75440WTR	
TSOP31130	TSOP32156S1J1	TSOP32338S1F	TSOP34138YA1F	TSOP34356S1I	TSOP34836UH1	TSOP38156S51PS21	TSOP38538	TSOP75238TR	TSOP75440WTT	
TSOP31138	TSOP32230	TSOP32338S51F	TSOP34140	TSOP34356S1I1F	TSOP34836V1I	TSOP38230	TSOP38538CZ1	TSOP75238TT	TSOP75456TR	
TSOP31156	TSOP32233	TSOP32338S1VF	TSOP34156	TSOP34356S1BS12Z	TSOP34836YA1	TSOP38233	TSOP38540	TSOP75238WTR	TSOP75456TT	
TSOP31230	TSOP32236	TSOP32338S51VF	TSOP34156DA1	TSOP34356S51F	TSOP34836ZC1	TSOP38236	TSOP38556	TSOP75238WTT	TSOP75456WTR	
TSOP31230GL1	TSOP32236UH1	TSOP32338V1F	TSOP34156S51F	TSOP34356YA1	TSOP34837	TSOP38236DB1	TSOP39130	TSOP75240TR	TSOP75456WTT	
TSOP31233	TSOP32238	TSOP32338XG1	TSOP34333	TSOP34436	TSOP34838	TSOP38236PA1	TSOP39133	TSOP75240TT	TSOP75530TR	
TSOP31236	TSOP32238YA1	TSOP32338Y1	TSOP34336	TSOP34436SB1	TSOP34838CZ1	TSOP38236SB1	TSOP39136	TSOP75240WTR	TSOP75530TT	
TSOP31236SA1	TSOP32238CZ1	TSOP32340V1	TSOP34336AY1	TSOP34436S51F	TSOP34838DA1	TSOP38236S51BS12	TSOP39138	TSOP75240WTT	TSOP75530WTR	
TSOP312365B1	TSOP32238V1F	TSOP32336	TSOP34336CZ1	TSOP34436S1I	TSOP34838DB1	TSOP38236S51BS12Z	TSOP39138CZ1	TSOP75236TR	TSOP75530WTT	
TSOP31236UU1	TSOP32238QJ1	TSOP32336DE1	TSOP34336DH1	TSOP34438	TSOP34838LL1	TSOP38236S51PS12Z	TSOP39156	TSOP75256TT	TSOP75533TR	
TSOP31237	TSOP32238RF1	TSOP32336SB1	TSOP34336JK1	TSOP34438CZ1F	TSOP34838U1	TSOP38236S1I	TSOP39230	TSOP75256WTR	TSOP75533TT	
TSOP31238	TSOP32238S1I	TSOP32436	TSOP34336JK1F	TSOP34438KU1	TSOP34838RF1	TSOP38236SU1	TSOP39233	TSOP75256WTT	TSOP75533WTR	
TSOP312385E1	TSOP32238S1I	TSOP32436SB1	TSOP34336MQ1	TSOP34438RF1	TSOP348385B1	TSOP38238	TSOP39236	TSOP75256WTT	TSOP75533WTT	
TSOP312385S1BS12	TSOP32238S1F	TSOP32438	TSOP34336PM1	TSOP34438SB1	TSOP348385B1F	TSOP38238PC1	TSOP39236CZ1	TSOP75256WTT	TSOP75536TR	
TSOP31238U1	TSOP32238V1I	TSOP32438CD1F	TSOP34336PM1F	TSOP34438SB1F	TSOP34838S1I	TSOP38238SB1	TSOP39236PC1	TSOP75256WTR	TSOP75536TT	
TSOP31238XG1	TSOP32238VM1	TSOP32438LL1	TSOP34336QJ1	TSOP34438S1I1F	TSOP34838S1J1	TSOP38238S51V	TSOP39238	TSOP75256WTT	TSOP75536WTR	
TSOP31240	TSOP32238VM1F	TSOP32438QJ1	TSOP34336SB1	TSOP34438SO1	TSOP34838S1O1	TSOP38238ST1	TSOP39238CZ1	TSOP75256WTT	TSOP75536WTT	
TSOP31256	TSOP32238WE1	TSOP32438S1I1F	TSOP34336SB1F	TSOP34438S51F	TSOP34838SP1	TSOP38238SU1	TSOP39238DD1	TSOP75256WTT	TSOP75538TR	
TSOP31330	TSOP32238YA1	TSOP32438S51F	TSOP34336S1I	TSOP34438S51FBS12Z	TSOP34838S51BS12Z	TSOP38240	TSOP39238PC1	TSOP75256WTT	TSOP75538TT	
TSOP31333	TSOP32238ZC1	TSOP32438S51V	TSOP34336S1I1F	TSOP34438ST1	TSOP34838S51F	TSOP38240SB1	TSOP39240	TSOP75256WTT	TSOP75538WTR	
TSOP31336	TSOP32240	TSOP32438V1I	TSOP34336S51F	TSOP34438UH1	TSOP34838UH1	TSOP38256	TSOP39256	TSOP75256WTT	TSOP75538WTT	
TSOP31338	TSOP32256	TSOP32438WE1	TSOP34336T1F	TSOP34438V1I	TSOP34838WE1	TSOP38256S51BS12	TSOP39256ES1	TSOP75256WTT	TSOP75540TR	
TSOP31340	TSOP32256CD1F	TSOP32438XG1	TSOP34336T1F	TSOP34440	TSOP34838YA1	TSOP38336	TSOP39256PA1	TSOP75256WTT	TSOP75540TT	
TSOP31356	TSOP32256CZ1	TSOP32440	TSOP34336YA1	TSOP34440QJ1	TSOP34838YA1F	TSOP38336ST1	TSOP39336	TSOP75256WTT	TSOP75540WTR	
TSOP31436	TSOP32256S51F	TSOP32456	TSOP34336YA1F	TSOP34440SB1	TSOP34840	TSOP38338	TSOP39336PC1	TSOP75256WTT	TSOP75540WTT	
TSOP31438	TSOP32333	TSOP32530	TSOP34338	TSOP34456	TSOP34840DG1	TSOP38338CZ1	TSOP39338	TSOP75256WTT	TSOP75556TR	
TSOP31456	TSOP32333YA1	TSOP32533	TSOP34338DF1F	TSOP34456S1I	TSOP34840DG1BS12	TSOP38338S51V	TSOP39340	TSOP75256WTT	TSOP75556TT	
TSOP31530	TSOP32336	TSOP32536	TSOP34338JH1	TSOP34456S51F	TSOP34840SB1	TSOP38340	TSOP39356	TSOP75256WTT	TSOP75556WTR	
TSOP31533	TSOP32336DE1	TSOP32538	TSOP34338JK1	TSOP34456YA1	TSOP34840S51PS21	TSOP38356	TSOP39366	TSOP75256WTT	TSOP75556WTT	
TSOP31536	TSOP32336V1I	TSOP32538LL1	TSOP34338JK1F	TSOP34530	TSOP34840S51S	TSOP38356CA1	TSOP39366CZ1	TSOP75256WTT	TSOP75538WTR	
TSOP31538	TSOP32336V1F	TSOP32540	TSOP34338RF1	TSOP34533	TSOP34840ST1F	TSOP38356CZ1	TSOP39366	TSOP75256WTT	TSOP32438SA1F	
TSOP31540	TSOP32336JL1F	TSOP32556	TSOP34338RF1F	TSOP34536	TSOP34840ST1S	TSOP38356PC1	TSOP39366	TSOP75256WTT	TSOP31136	
TSOP31556	TSOP32336PM1F	TSOP34130	TSOP34338SB1	TSOP34536YA1	TSOP34856	TSOP38433	TSOP39366	TSOP75256WTT	TSOP38138ST1	
TSOP32130	TSOP32336S1I	TSOP34133	TSOP34338SB1F	TSOP34538	TSOP34856DB1	TSOP38436	TSOP39366	TSOP75256WTT		
TSOP32133	TSOP32336S51F	TSOP34136	TSOP34338S1I1F	TSOP34540	TSOP34856SB1	TSOP38436CC1	TSOP39366	TSOP75256WTT		
TSOP32136	TSOP32336UH1F	TSOP34136LL1	TSOP34338SO1F	TSOP34556	TSOP34856SB1F	TSOP38436CZ1	TSOP39366	TSOP75256WTT		
TSOP32136LL1	TSOP32336V1I	TSOP34136SB1	TSOP34338SP1F	TSOP34830	TSOP34856S1I	TSOP38436DJ1	TSOP39366	TSOP75256WTT		
TSOP32136LL1F	TSOP32336YA1	TSOP34136S1I	TSOP34338S51BS12	TSOP34830SB1	TSOP34856S1I1F	TSOP38436PC1	TSOP39366	TSOP75256WTT		
TSOP32136S1I	TSOP32336YA1F	TSOP34136S51OS21	TSOP34338S51F	TSOP34833	TSOP34856S51F	TSOP38436S51BS21	TSOP75230TR	TSOP75256WTT		