

TT Electronics  
 Sensing and Control Division  
 Variable Components Business Unit  
 4200 Bonita Place  
 Fullerton, CA 92838 USA



Telephone: 1 (714)447-2300  
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 Website: www.bitechnologies.com

<b>PRODUCT/ PROCESS CHANGE NOTICE</b>	
<b>PCN Number</b>	<b>31173</b>
<b>Date</b>	<b>September 30, 2013</b>
<b>Product(s) Affected</b>	BI Technologies: Variable Components Business Unit: <b>Globe Motors : Electronic Power Steering (EPS) sensors</b>
<b>Date Effective</b>	Orders accepted until <b>April 15, 2014</b>
<b>Mfg. Location</b>	Fullerton, CA USA

<b>Type of Change</b>	<input type="checkbox"/> <b>End of Life</b> <input type="checkbox"/> <b>Material</b> <input type="checkbox"/> <b>Process</b> <input checked="" type="checkbox"/> <b>Other</b>
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<b>Description of Change</b>	The thick film element printing process will be moving from Fullerton, CA to Mexicali, Mexico. Part numbers affected are included below: <b>SX-4391,</b> <b>SX-4401</b>
<b>Reason for Change</b>	Consolidation of remaining EPS production processes based in Fullerton, CA to BI Technologies-Variable Components BU primary manufacturing operations in Mexicali, Mexico.
<b>Implementation Plan</b>	Thick film element process equipment will transfer to Mexicali beginning <b>June 15, 2014</b> .  Full operational status will be established in Mexicali no later than <b>August 31, 2014</b> .
<b>Recommendations</b>	Orders for EPS Sensors will be accepted until close of business (PST) <b>April 15, 2014</b> , with delivery no later than <b>June 30, 2014</b> .  TT electronics recommends that customers place orders for ongoing requirements to ensure continued robust supply chain during the relocation process to Mexicali, Mexico.  Customers who may require product validation should consider adequate lead time during planning future requirements.
<b>Availability of Previously Manufactured Products</b>	N/A
<b>Sales Contact</b>	Dave Berggren: Regional Sales Manager Kevin Thompson: Director of Sales Americas

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## PRODUCT/ PROCESS CHANGE NOTICE

<b>PCN Number</b>	<b>31167</b>
<b>Date</b>	<b>September 30, 2013</b>
<b>Product(s) Affected</b>	BI Technologies: Variable Components Business Unit: <b>Sona-Koyo : Electronic Power Steering (EPS) sensors</b>
<b>Date Effective</b>	Orders accepted until <b>April 15, 2014</b>
<b>Mfg. Location</b>	Fullerton, CA USA

<b>Type of Change</b>	<input type="checkbox"/> End of Life <input type="checkbox"/> Material <input type="checkbox"/> Process <input checked="" type="checkbox"/> Other
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<b>Description of Change</b>	The thick film element printing process will be moving from Fullerton, CA to Mexicali, Mexico. Part numbers affected are included below: <b>SX-4388</b> ✓ <b>SX-4451</b> ✓ <b>SX-4460</b> ✓
<b>Reason for Change</b>	Consolidation of remaining EPS production processes based in Fullerton, CA to BI Technologies-Variable Components BU primary manufacturing operations in Mexicali, Mexico.
<b>Implementation Plan</b>	Thick film element process equipment will transfer to Mexicali beginning <b>June 15, 2014</b> .  Full operational status will be established in Mexicali no later than <b>August 31, 2014</b> .
<b>Recommendations</b>	Orders for EPS Sensors will be accepted until close of business (PST) <b>April 15, 2014</b> , with delivery no later than <b>June 30, 2014</b> .  TT electronics recommends that customers place orders for ongoing requirements to ensure continued robust supply chain during the relocation process to Mexicali, Mexico.  Customers who may require product validation should consider adequate lead time during planning future requirements.
<b>Availability of Previously Manufactured Products</b>	N/A
<b>Sales Contact</b>	Dave Berggren: Regional Sales Manager

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## PRODUCT/ PROCESS CHANGE NOTICE

<b>PCN Number</b>	<b>31170</b>
<b>Date</b>	<b>September 30, 2013</b>
<b>Product(s) Affected</b>	BI Technologies: Variable Components Business Unit: <b>SAAE : Electronic Power Steering (EPS) sensors</b>
<b>Date Effective</b>	Orders accepted until <b>April 15, 2014</b>
<b>Mfg. Location</b>	Fullerton, CA USA

<b>Type of Change</b>	<input type="checkbox"/> End of Life	<input type="checkbox"/> Material	<input type="checkbox"/> Process	<input checked="" type="checkbox"/> Other
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<b>Description of Change</b>	The thick film element printing process will be moving from Fullerton, CA to Mexicali, Mexico. Part numbers affected are included below: <b>SX-4300</b> ✓ <b>SX-4388</b> ✓ <b>SX-4440</b> ✓
<b>Reason for Change</b>	Consolidation of remaining EPS production processes based in Fullerton, CA to BI Technologies-Variable Components BU primary manufacturing operations in Mexicali, Mexico.
<b>Implementation Plan</b>	Thick film element process equipment will transfer to Mexicali beginning <b>June 15, 2014</b> .  Full operational status will be established in Mexicali no later than <b>August 31, 2014</b> .
<b>Recommendations</b>	Orders for EPS Sensors will be accepted until close of business (PST) <b>April 15, 2014</b> , with delivery no later than <b>June 30, 2014</b> .  TT electronics recommends that customers place orders for ongoing requirements to ensure continued robust supply chain during the relocation process to Mexicali, Mexico.  Customers who may require product validation should consider adequate lead time during planning future requirements.
<b>Availability of Previously Manufactured Products</b>	N/A
<b>Sales Contact</b>	Dave Berggren: Regional Sales Manager

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## PRODUCT/ PROCESS CHANGE NOTICE

<b>PCN Number</b>	<b>31174</b>
<b>Date</b>	<b>September 30, 2013</b>
<b>Product(s) Affected</b>	BI Technologies: Variable Components Business Unit: <b>BYD : Electronic Power Steering (EPS) sensors</b>
<b>Date Effective</b>	Orders accepted until <b>April 15, 2014</b>
<b>Mfg. Location</b>	Fullerton, CA USA

<b>Type of Change</b>	<input type="checkbox"/> End of Life	<input type="checkbox"/> Material	<input type="checkbox"/> Process	<input checked="" type="checkbox"/> Other
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<b>Description of Change</b>	The thick film element printing process will be moving from Fullerton, CA to Mexicali, Mexico. Part numbers affected are included below: <b>SX-4420</b>
<b>Reason for Change</b>	Consolidation of remaining EPS production processes based in Fullerton, CA to BI Technologies-Variable Components BU primary manufacturing operations in Mexicali, Mexico.
<b>Implementation Plan</b>	Thick film element process equipment will transfer to Mexicali beginning <b>June 15, 2014</b> .  Full operational status will be established in Mexicali no later than <b>August 31, 2014</b> .
<b>Recommendations</b>	Orders for EPS Sensors will be accepted until close of business (PST) <b>April 15, 2014</b> , with delivery no later than <b>June 30, 2014</b> .  TT electronics recommends that customers place orders for ongoing requirements to ensure continued robust supply chain during the relocation process to Mexicali, Mexico.  Customers who may require product validation should consider adequate lead time during planning future requirements.
<b>Availability of Previously Manufactured Products</b>	N/A
<b>Sales Contact</b>	Dave Berggren: Regional Sales Manager Kevin Thompson: Director of Sales Americas David Winter: Vice President Global Sales

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## PRODUCT/ PROCESS CHANGE NOTICE

<b>PCN Number</b>	<b>31168</b>
<b>Date</b>	<b>September 30, 2013</b>
<b>Product(s) Affected</b>	BI Technologies: Variable Components Business Unit: <b>Chongqing Changrong : Electronic Power Steering (EPS) sensors</b>
<b>Date Effective</b>	Orders accepted until <b>April 15, 2014</b>
<b>Mfg. Location</b>	Fullerton, CA USA

<b>Type of Change</b>	<input type="checkbox"/> End of Life	<input type="checkbox"/> Material	<input type="checkbox"/> Process	<input checked="" type="checkbox"/> Other
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<b>Description of Change</b>	The thick film element printing process will be moving from Fullerton, CA to Mexicali, Mexico. Part numbers affected are included below: <b>SX-4422</b> <b>SX-4441</b>
<b>Reason for Change</b>	Consolidation of remaining EPS production processes based in Fullerton, CA to BI Technologies-Variable Components BU primary manufacturing operations in Mexicali, Mexico.
<b>Implementation Plan</b>	Thick film element process equipment will transfer to Mexicali beginning <b>June 15, 2014</b> .  Full operational status will be established in Mexicali no later than <b>August 31, 2014</b> .
<b>Recommendations</b>	Orders for EPS Sensors will be accepted until close of business (PST) <b>April 15, 2014</b> , with delivery no later than <b>June 30, 2014</b> .  TT electronics recommends that customers place orders for ongoing requirements to ensure continued robust supply chain during the relocation process to Mexicali, Mexico.  Customers who may require product validation should consider adequate lead time during planning future requirements.
<b>Availability of Previously Manufactured Products</b>	N/A
<b>Sales Contact</b>	Dave Berggren: Regional Sales Manager Kevin Thompson: Director of Sales Americas

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## PRODUCT/ PROCESS CHANGE NOTICE

<b>PCN Number</b>	<b>31171</b>
<b>Date</b>	<b>September 30, 2013</b>
<b>Product(s) Affected</b>	BI Technologies: Variable Components Business Unit: <b>MTD Products : Electronic Power Steering (EPS) sensors</b>
<b>Date Effective</b>	Orders accepted until <b>April 15, 2014</b>
<b>Mfg. Location</b>	Fullerton, CA USA

<b>Type of Change</b>	<input type="checkbox"/> End of Life	<input type="checkbox"/> Material	<input type="checkbox"/> Process	<input checked="" type="checkbox"/> Other
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<b>Description of Change</b>	The thick film element printing process will be moving from Fullerton, CA to Mexicali, Mexico. Part numbers affected are included below: <b>SX-4425</b> ✓
<b>Reason for Change</b>	Consolidation of remaining EPS production processes based in Fullerton, CA to BI Technologies-Variable Components BU primary manufacturing operations in Mexicali, Mexico.
<b>Implementation Plan</b>	Thick film element process equipment will transfer to Mexicali beginning <b>June 15, 2014</b> .  Full operational status will be established in Mexicali no later than <b>August 31, 2014</b> .
<b>Recommendations</b>	Orders for EPS Sensors will be accepted until close of business (PST) <b>April 15, 2014</b> , with delivery no later than <b>June 30, 2014</b> .  TT electronics recommends that customers place orders for ongoing requirements to ensure continued robust supply chain during the relocation process to Mexicali, Mexico.  Customers who may require product validation should consider adequate lead time during planning future requirements.
<b>Availability of Previously Manufactured Products</b>	N/A
<b>Sales Contact</b>	Dave Berggren: Regional Sales Manager Kevin Thompson: Director of Sales Americas David Winter: Vice President Global Sales

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<b>PRODUCT/ PROCESS CHANGE NOTICE</b>	
<b>PCN Number</b>	<b>31172</b>
<b>Date</b>	<b>September 30, 2013</b>
<b>Product(s) Affected</b>	BI Technologies: Variable Components Business Unit: <b>Shandong Xianhe : Electronic Power Steering (EPS) sensors</b>
<b>Date Effective</b>	Orders accepted until <b>April 15, 2014</b>
<b>Mfg. Location</b>	Fullerton, CA USA

<b>Type of Change</b>	<input type="checkbox"/> End of Life	<input type="checkbox"/> Material	<input type="checkbox"/> Process	<input checked="" type="checkbox"/> Other
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<b>Description of Change</b>	The thick film element printing process will be moving from Fullerton, CA to Mexicali, Mexico. Part numbers affected are included below: <b>SX-4458</b> <b>SX-4459</b>
<b>Reason for Change</b>	Consolidation of remaining EPS production processes based in Fullerton, CA to BI Technologies-Variable Components BU primary manufacturing operations in Mexicali, Mexico.
<b>Implementation Plan</b>	Thick film element process equipment will transfer to Mexicali beginning <b>June 15, 2014</b> .  Full operational status will be established in Mexicali no later than <b>August 31, 2014</b> .
<b>Recommendations</b>	Orders for EPS Sensors will be accepted until close of business (PST) <b>April 15, 2014</b> , with delivery no later than <b>June 30, 2014</b> .  TT electronics recommends that customers place orders for ongoing requirements to ensure continued robust supply chain during the relocation process to Mexicali, Mexico.  Customers who may require product validation should consider adequate lead time during planning future requirements.
<b>Availability of Previously Manufactured Products</b>	N/A
<b>Sales Contact</b>	Dave Berggren: Regional Sales Manager Kevin Thompson: Director of Sales Americas