

PCN Date	July 20, 2015			
Submitter's Name	Binoy Babichen			
Submitter's Contact Details	Binoy.babichen@psbel.com			
PCN Tracking #	PCN_C60865_07202015			
Description of Change	1) Those FG model tested good with WTM.00011 will change from WTM.00010 to WTM.00011. 2) All the FG will be up revision for traceability purpose on the MSL change to 1 3) WTM.00011; MPN: FDS8870 (FAIRCHILD SEMI); MSL: 1 4) WTM.00011; MPN: SI4166DY-T1-GE3 (VISHAY); MSL: 1			
Reason for Change	1) There are some of the CAPS FG model still using the MSL 3 part. Project have been started to move those MSL 3 part to MSL 1. 2) After check, there is only one part number still in MSL 3. Which is WTM.00010; MPN: BSO040N03MS G (INFINEON TECHNOLOGIES). 3) Replacement part FDS8870 (FAIRCHILD SEMI) and SI4166DY-T1-GE3 (VISHAY) have been suggested as the replacement for WTM.00010. Tested with QD and Q model family, result shows no problem to be the replacement.			
Summary of Changes Between New and Old Part	Part Number	BSO040N03MS G	FDS8870	Si4166DY-T1-GE3
	Supplier	Infineon Technologies AG	Fairchild Semiconductor	Vishay
	Description	Trans MOSFET N-CH 30V 16A 8-Pin DSO	Trans MOSFET N-CH 30V 18A 8-Pin SOIC N T/R	Trans MOSFET N-CH 30V 20.5A 8-Pin SOIC N T/R
	Family Name	BSO040N03MS	FDS8870	Si4166DY
	Datasheet	Link to Datasheet	Link to Datasheet	Link to Datasheet
	Lifecycle	Active	Active	Active
	Lifecycle Code	3	3	3
	EU RoHS	Yes	Yes	Yes
	Crosses	101 Cross(es)	58 Cross(es)	111 Cross(es)
	Part Options	1 Packaging(Tape and Reel)	1 Packaging(Tape and Reel)	
	Inventory	1	9	6
	Introduction Date	Jan 01, 2000	Apr 20, 2001	Nov 09, 2008
	SiliconExpert Grade	3 Star(s)	5 Star(s)	3 Star(s)
	UNSPSC	32111612	32111612	32111612
	ECCN	EAR99	EAR99	EAR99
	ScheduleB	8541290080	8541290080	8541290080
HTSUSA	8541290095	8541290095	8541290095	
AEC Qualified	Unknown	No	Unknown	
AEC Number	N/A		N/A	
Traceability Guidelines (lot code/date code, markings, ship date)	NA			
Last Time Buy Date	NA			



GLOBAL CUSTOMER PCN NOTIFICATION
(PRODUCT CHANGE NOTIFICATION)

Datasheet Attached Filename(s):	NA				
Qualification/Test Data Attached Filename(s):	NA				
Impact on Reliability	NA				
Bel Power Solutions old PN / Process	Bel Power Solutions new PN / Process	PCN Effectivity Date	Sample Availability Date	Last Date of Manuf of Unchanged PN	Expected Customer Qual date
Q2D25ZGE-C2	NA	July 20, 2015	NA	NA	NA
Q48S25033-NS00G					
Q48S30015-PS0V					
Q48S30018-NS00G					
Q48T30018-NBA0					
Q48T30018-NBB0					
Q48T30018-NBB0G					
QD48S033050-NS00G					
QD48T033050-NAA0					
QD48T033050-NAB0G					
QD48T033050-NAC0G					
QD48T033050-NBA0G					
QD48T033050-NBB0G					
QD48T033050-NBC0G					
QD48T033050-NCB0					
QD48T033050-PBA0G					
QD48T033050-PBC0					
QL48T30012-NCA0G					

Closure Approvals

Company	Name	Contact Details	Date
Bel Power Solutions	Siddharth Srivastava Product Manager	Phone: +408-785-5222 Email Siddharth.Srivastava@psbel.com	July 20, 2015