



Change Notification

Process Change Notification #: **PCN-000110 v3**

Date Issued: **June 14, 2012**

Semtech Corporation is providing this Change Notification to our customers of an assembly and test transfer from Unisem Malaysia, Unisem Chengdu, and Unisem Batam to other Semtech qualified suppliers. Semtech is also qualifying an additional assembly supplier to support redundant sources of supply. Refer to the attached tables for a complete listing of affected part numbers.

Semtech's Change Evaluation Team has classified this change as major. Specifically, Semtech will transfer production activity from Unisem Malaysia, Unisem Chengdu, and Unisem Batam to other Semtech qualified suppliers as listed in the attached tables. Additionally, where indicated in the tables, Semtech is qualifying an additional assembly and test supplier;

**Advanced Semiconductor Engineering (ASE) Malaysia,
11900 Pulau Penang Malaysia**

The addition of ASE will help ensure continuity of supply as well as building redundant supply sources to meet the needs of our customers. Currently, Carsem Malaysia and Cirtek Electronics Philippines, are long standing qualified Semtech assembly and test suppliers being used for many of our Power Management, Wireless & Sensing, Advanced Communication and some Protection products.

The transfer of this product will cause no change to form, fit, function, reliability or any datasheet specifications. This product transfer is being undertaken as a result of our decision to withdrawal from Unisem entirely. Subsequently, Unisem has set a deadline for our transfer, September 8, 2012.

Due to the size and extent of this PCN, Semtech's qualification process for this product transfer has been spread out over a three month period. Most of Semtech's qualification will be completed by August 31, 2012. This qualification process will be performed pursuant to JEDEC 47 and verified that it meets Semtech's reliability requirements. Please contact your sales representative for a copy of the completed qualification report.

Additionally, Semtech considers product which hosts redundant suppliers, as noted in Table I or Table II to be qualified for production at either of the suppliers listed and based upon successful completion of qualification.



Sample availability. As noted in Table II, there are some part numbers impacted by this transfer whereby no extended forecasts or backlog exist. As a result Semtech will only pursue inventory and sample builds with an active customer order. However, the process and product transfer will continue pursuant to this PCN.

It is Semtech's intention to implement this change to the aforementioned products and begin shipping this material beginning September 14, 2012. Full sample availability will be in place by August 31, 2012. Please contact your Semtech sales representative for current sample availability on the product listed in Table I.

If you have any questions regarding our qualification requirements, do not hesitate to give me a call.

A handwritten signature in black ink that reads 'Pat Sanchez'.

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Table I; Affected Part Nos. with Demand

PART NUMBER	Carsem	ASE (new supplier)	Cirtek
SX1781IMLTRT	X	X	
ACS8523T		X	
ACS8520T		X	
ACS8525AT		X	
ACS8530T		X	
ACS8595T		X	
ACS8510REV2.1T		X	
ACS8525T		X	
ACS8509T		X	
ACS8522T		X	
SX8636I05AULTRT	X	X	
SX8646I05AULTRT	X	X	
SX8650IWLTRT	X	X	
SX8652IWLTRT	X	X	
SH3100IMLTRT	X	X	
SX8660I06AULTRT	X	X	
SX1231IMLTRT	X	X	
SX1211I084TRT	X	X	
SX1241ISETRT			X
SX1242ISETRT			X
SX1240ISTR	X		
SX1212IWLTRT	X	X	
SX1233IMLTRT	X	X	
SX12FA084TRT	X	X	
SX1213IWLTRT	X	X	
XE8801AMI027LF		X	
SX8801IR04LFT		X	
SX8723E083TRT	X	X	
XE8802MI035LF		X	
SC2596SETRT			X
SC4633ULTRT	X	X	
SC441ATETRT	X		
SC183CULTRT	X	X	
SC632ULTRT	X	X	
SC4503TSKTRT	X		
SC4524CSETRT			X
SC414MLTRT	X	X	
SC174MLTRT	X	X	
SC2440TETRT	X		
SC4524DSETRT			X
SC668ULTRT	X	X	
SC417MLTRT	X	X	
SC418ULTRT	X	X	

Table I con't

PART NUMBER	CARSEM	ASE	CIRTEK
SC418ULTRT	X	X	
SC283WLTRT	X	X	
SC4524ASETRT			X
SC196AMLTRT	X	X	
SC2595STRT			X
SC4215ISTRT			X
SC4216STRT			X
SC811ULTRT	X	X	
SC189AULTRT	X	X	
SC173MLTRT	X	X	
SC4212MLTRT	X	X	
SC185QULTRT	X	X	
SC2443MLTRT	X	X	
SC185BULTRT	X	X	
SC185EULTRT	X	X	
SC121ULTRT	X	X	
SC185JULTRT	X	X	
SC410MLTRT	X	X	
SC172MLTRT	X	X	
SC2446ITETRT	X		
SC490AULTRT	X	X	
SC189HULTRT	X	X	
SC441TETRT	X		
SC424MLTRT	X	X	
SC628AULTRT	X	X	
SC632AULTRT	X	X	
SC192IMLTRT	X	X	
SC189CULTRT	X	X	
SC417BMLTRT	X	X	
SC806IMLTRT	X	X	
SC508ULTRT	X	X	
SC417AMLTRT	X	X	
SC4624AMLTRT	X	X	
SC402BMLTRT	X	X	
SC202AMLTRT	X	X	
SC189ZULTRT	X	X	
SC186ULTRT	X	X	
SC810ULTRT	X	X	
SC286ULTRT	X	X	



Table II; Product Transferred with No Demand or Forecast

PART NUMBER	Carsem	ASE (New Supplier)	Cirtek
ACS8515REV2.1T		X	
ACS8514T		X	
ACS8525BT		X	
SX8660I06YULTRT	X	X	
SX1508QBIULTRT	X	X	
SX1501I087TRT	X	X	
SX1505I087TRT	X	X	
SX8651IWLTRT	X	X	
SX8676IWLTRT	X	X	
SX8644CIWLTRT	X	X	
SX8634I05AWLTRT	X	X	
SX8654IWLTRT	X	X	
SX8656IWLTRT	X	X	
SX8658IWLTRT	X	X	
SH3000IMLTRT	X	X	
SH3001IMLTRT	X	X	
SX1240IULTRT	X	X	
SX1243IULTRT	X	X	
SX8724SWLTD	X	X	
SC195ULTRT	X	X	
SC120ULTRT	X	X	
SC824ULTRT	X	X	
SC654ULTRT	X	X	
SC662ULTRT	X	X	
SC490BULTRT	X	X	
SC630ULTRT	X	X	
SC630AULTRT	X	X	
SC189BULTRT	X	X	
SC530ULTRT	X	X	
SC461ULTRT	X	X	
SC403BMLTRT	X	X	
SC486IMLTRT/KO	X	X	
SC486IMLTRT	X	X	
SC411MLTRT	X	X	



Table II con't

PART NUMBER	CARSEM	ASE	CIRTEK
SC446TETRT	X		
SC4215NSETRT			X
SC4524BSETRT			X
SC4524SETRT			X
SC4525BSETRT			X