LTE IoT Breakout Carrier
Avnet Engineering Services
www.avnetkits.com
Sheet Name
01 - Avnet Lead Sheet
02 - Breakout
03 - Back Page

AVNET®
Reach Further™

LTE IoT Breakout Carrier
Revision A

Copyright 2017, Avnet, Inc. All Rights Reserved.

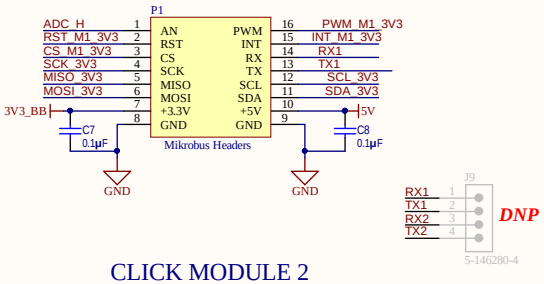
This material may not be reproduced, distributed, republished, displayed, posted, transmitted or copied in any form or by any means without the prior written permission of Avnet, Inc. AVNET and the AV logo are registered trademarks of Avnet, Inc. All trademarks and trade names are the properties of their respective owners and Avnet, Inc. disclaims any proprietary interest or right in trademarks, service marks and trade names other than its own.

Avnet is not responsible for typographical or other errors or omissions or for direct, indirect, incidental or consequential damages related to this material or resulting from its use. Avnet makes no warranty or representation respecting this material, which is provided on an "AS IS" basis. AVNET HEREBY DISCLAIMS ALL WARRANTIES OR LIABILITY OF ANY KIND WITH RESPECT THERETO, INCLUDING, WITHOUT LIMITATION, REPRESENTATIONS REGARDING ACCURACY AND COMPLETENESS, ALL IMPLIED WARRANTIES AND CONDITIONS OF MERCHANTABILITY, SUITABILITY OR FITNESS FOR A PARTICULAR PURPOSE, TITLE AND/OR NON-INFRINGEMENT. This material is not designed, intended or authorized for use in medical, life support, life sustaining or nuclear applications or applications in which the failure of the product could result in personal injury, death or property damage. Any party using or selling products for use in any such applications do so at their sole risk and agree that Avnet is not liable, in whole or in part, for any claim or damage arising from such use, and agree to fully indemnify, defend and hold harmless Avnet from and against any and all claims, damages, loss, cost, expense or liability arising out of or in connection with the use or performance of products in such applications.

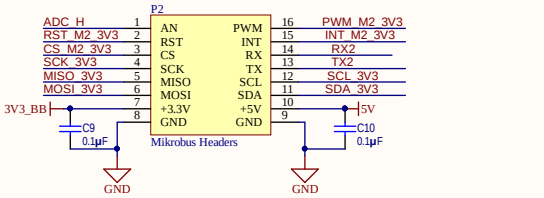
Note?

AVNET Avnet Engineering Services			
Project Name: LTE IoT Breakout Carrier	PCB Rev: A	BOM: 01	Variant: 00
Doc Num: SCH-BO2CAR	Date: 7/17/2017	Time: 12:11:42 PM	
Sheet Title: 01 - Avnet Lead Sheet.SchDoc	Size: B	Sheet: 1 of 3	

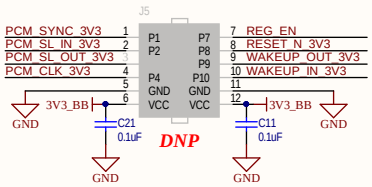
CLICK MODULE 1



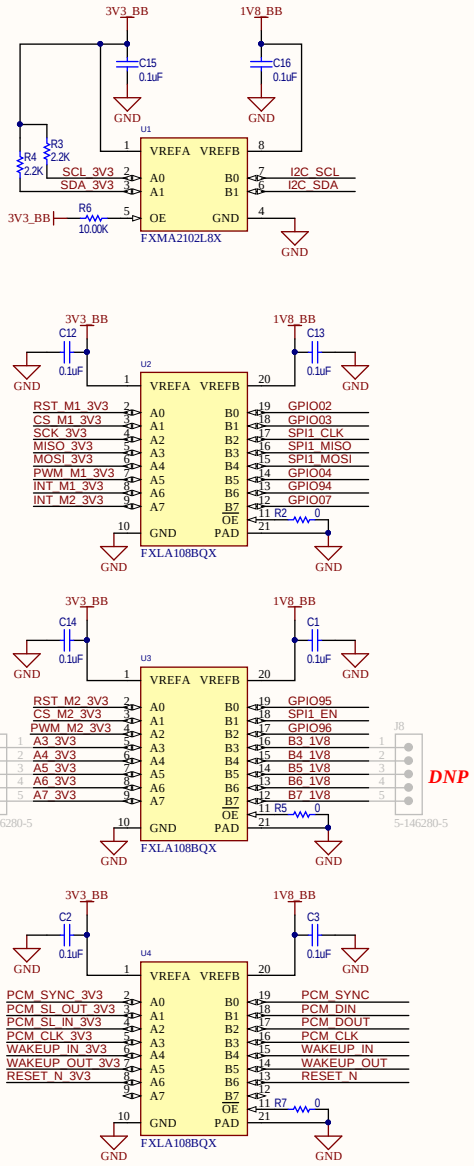
CLICK MODULE 2



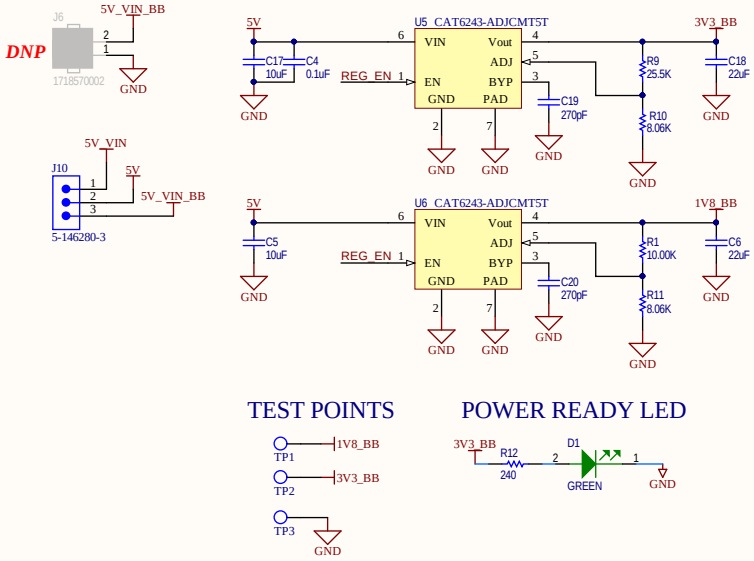
PMOD



VOLTAGE LEVEL TRANSLATORS



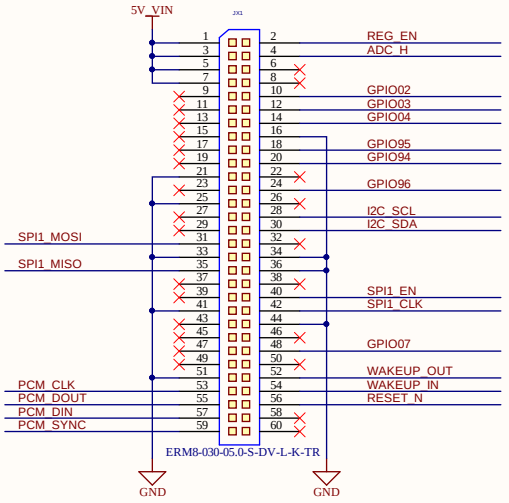
POWER



TEST POINTS

POWER READY LED

60 PIN HEADER



AVNET Avnet Engineering Services

Project Name: LTE IoT Breakout Carrier		PCB Rev: A	BOM: 01 / Variant: 00
Doc Num: SCH-BO2CAR	Date: 7/17/2017	Time: 12:11:42 PM	
Sheet Title: 02 - Breakout.SchDoc	Size: B	Sheet: 2 of 3	

Assembly:

Label1
RD-XXXX-XXXXX-C
Label, Product

Mechanicals:

PCB

XXX-XXX-PCB-X

PCB PN (In Copper)

BMPR1 BMPR2 BMPR3 BMPR4 BMPR5

BUMPER CYLINDRICAL 0.25" DIA CLR

ESD1

ESD Bag

J1
Mikrobus 8-Pin
PPTC081LFBN-RC (Place holder)

J2
Mikrobus 8-Pin
PPTC081LFBN-RC (Place holder)

J3
Mikrobus 8-Pin
PPTC081LFBN-RC (Place holder)

J4
Mikrobus 8-Pin
PPTC081LFBN-RC (Place holder)

Label_ESD1

Label, ESD

SH1

SHUNT, ECON, PHBR 15 AU,BLACK

AVNET Avnet Engineering Services

Project Name: LTE IoT Breakout Carrier	PCB Rev: A	BOM: 01	Variant: 00
Doc Num: SCH-BO2CAR	Date: 7/17/2017	Time: 12:11:43 PM	
Sheet Title: 03 - Back Page.SchDoc	Size: B	Sheet: 3 of 3	