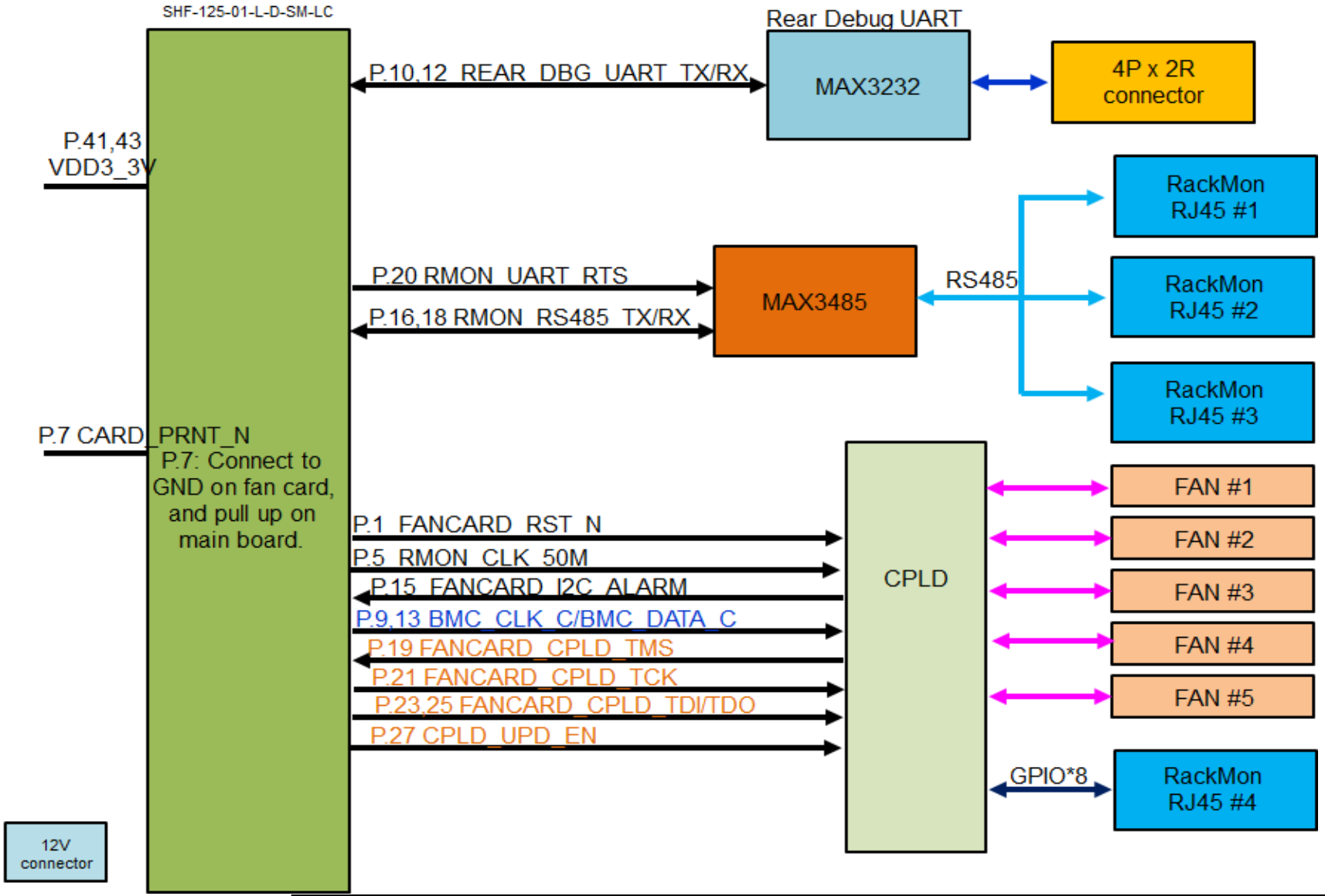


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Making Partnership Work

Model Name: **WEDGE 100G(ES6632BT-FLF-168FB)**		Rev: R0b
Size: A	Page Name: BLOCK DIAGRAM	Engineer: Jacky Chen
Date: Wednesday, January 27, 2016	Sheet 1 of 2	

FMA-HW01008-01 R01

==========Rear Debug RJ45 Console==========

========Temp Sensor ==========

==========RS485x3, Reservedx1==========

	CPLD_UPD_ DISABLE = 0	CPLD_UPD_ DISABLE = 1	CPLD_UPD_ DISABLE = X (turn on)
JP1 ON	Header program	Header program	Header program
JP1 OFF	BMC program	Header program	X

JP1: Pin Stick
JP1's Jumper move to C-Level.
Cancel it at schematic.

VPN: SFMC-125-01-L-D-K-TR
VENDOR: SAMTEC

0.1uF +-10% 50V X7R 0603

ADDRESS:
U3 (A): 001
U4 (B): 000

Console

RS232 TRANSCEIVER
VPN:MAX3232CPWR
VENDOR:TI

Please close J2 and load at top.

FUNCTION TABLE (each buffer)

INPUTS OE	A	OUTPUT Y
L	H	H
L	L	L
H	X	Z

VPN: LTST-C155TBJRKT
VENDOR: LITEON

RED_I=(3.3V-2.4V)/110R=8.1mA (max VF)
RED_I=(3.3V-2V)/110R=11.8mA (max VF)
BLUE_R=(3.3V-3.2V)/8.1mA=12R (Base 8.1mA)
RED_R=(3.3V-3.25V)/11.8mA=4.2R (Base 11.8mA)

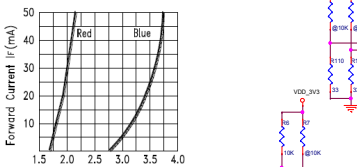


Fig.2 Forward Current vs. Forward Voltage

ADDRESS:
Port (1): 00
Port (2): 01
Port (3): 10

RS485 TRANSCEIVER
VPN:MAX3485ESA
VENDOR:MAXIM

0x00: PCB revision Internal pull-up	P85	P84	P81	P80
R0A	0	0	0	0
R0B	0	0	0	1
R01	0	0	1	0

For sensor pull up

Note: "@" means no load

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Model Name	Rev
WEDGE 100G(ES6632BT-FLF-168FB)	R0b
Size: D	Page Name: FAN and RACKMON_BOARD
Engineer: Jacky Chen	
Date: Monday, February 22, 2016	Sheet 2 of 2