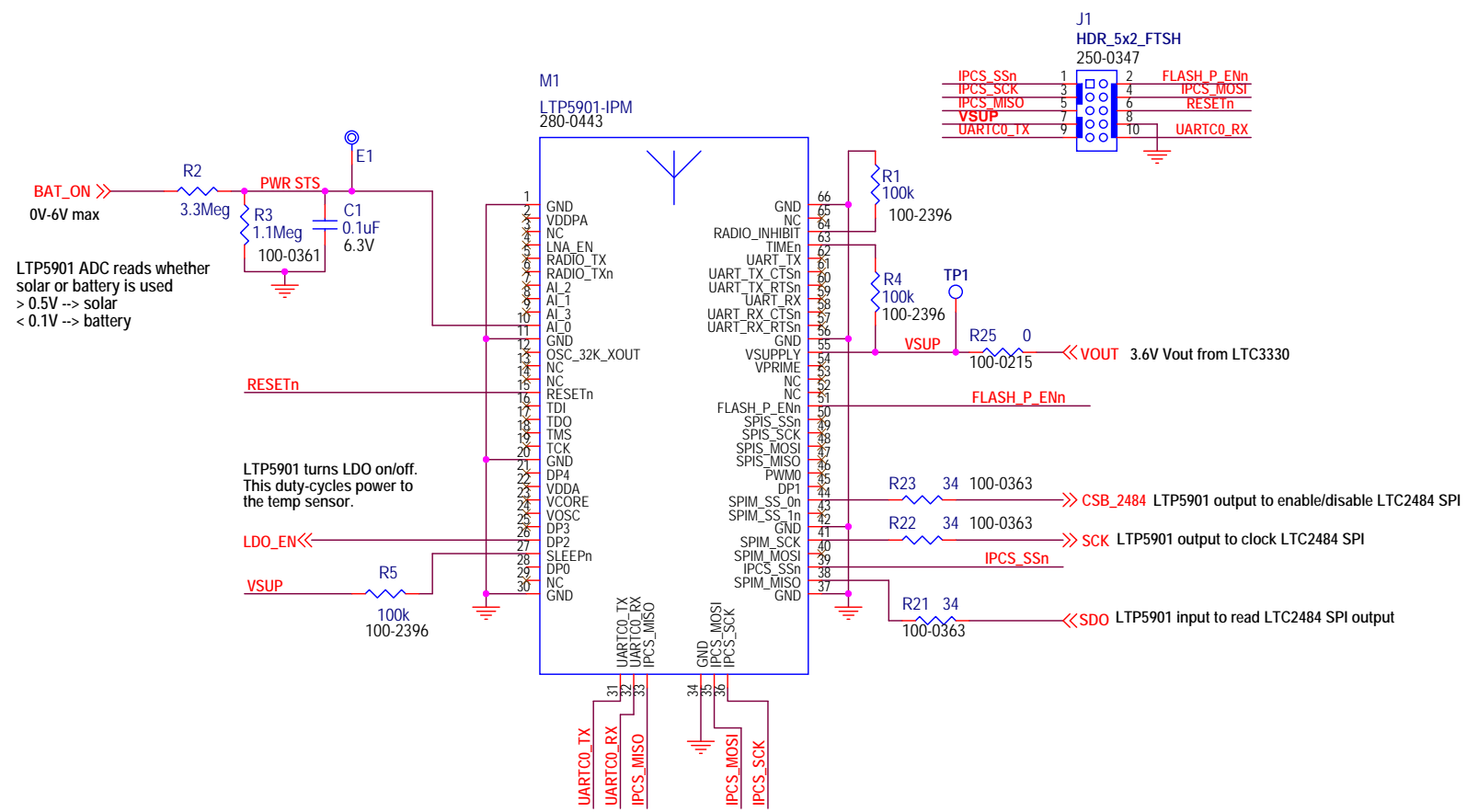


REVISION HISTORY				
ECO	REV	DESCRIPTION	APPROVED	DATE
-	4	PRODUCTION	JON M.	01-27-16

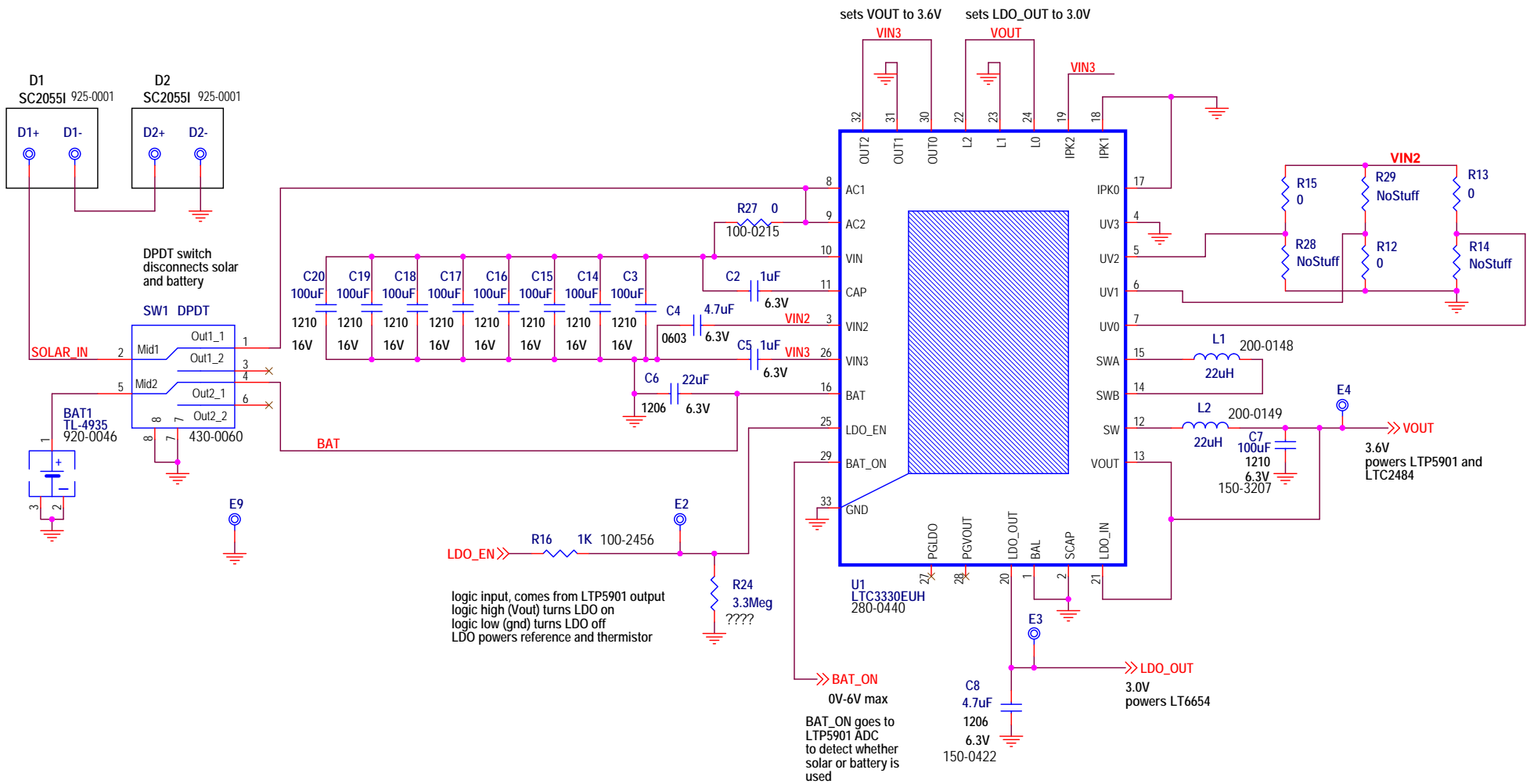


LTP5901 ADC reads whether solar or battery is used
 > 0.5V --> solar
 < 0.1V --> battery

LTP5901 turns LDO on/off.
 This duty-cycles power to the temp sensor.

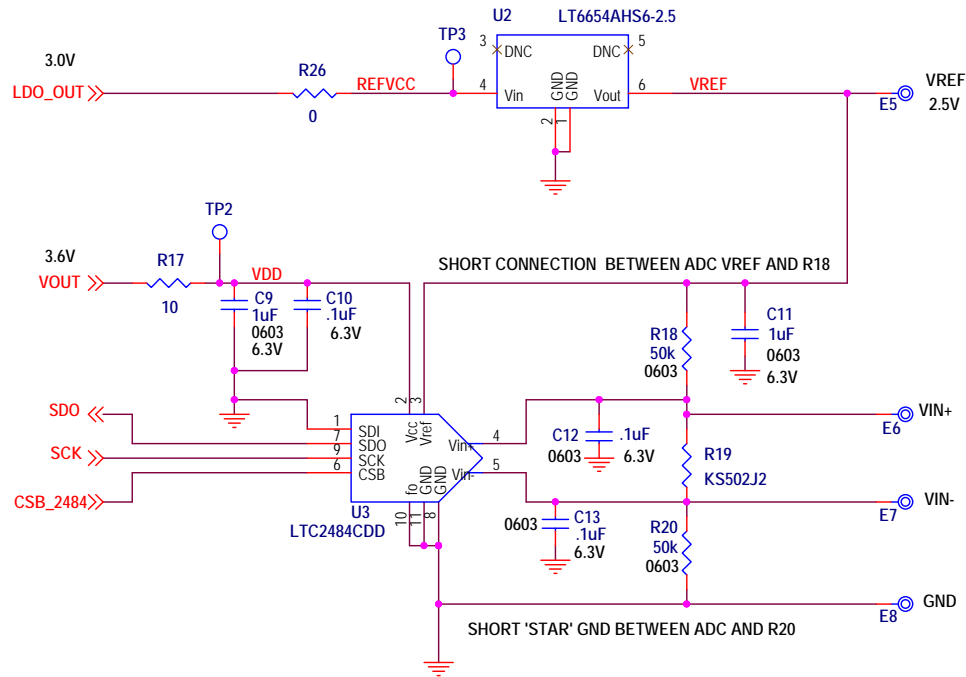
NOTES: UNLESS OTHERWISE SPECIFIED -
 ALL RESISTORS ARE ±1%, 0402
 ALL CAPACITORS ARE ±10%, 50V, 0402

CUSTOMER NOTICE		APPROVALS		LINEAR TECHNOLOGY		1630 McCarthy Blvd. Milpitas, CA 95035 Phone: (408)432-1900 www.linear.com Fax: (408)434-0507 LTC Confidential-For Customer Use Only	
LINEAR TECHNOLOGY HAS MADE A BEST EFFORT TO DESIGN A CIRCUIT THAT MEETS CUSTOMER-SUPPLIED SPECIFICATIONS; HOWEVER, IT REMAINS THE CUSTOMER'S RESPONSIBILITY TO VERIFY PROPER AND RELIABLE OPERATION IN THE ACTUAL APPLICATION. COMPONENT SUBSTITUTION AND PRINTED CIRCUIT BOARD LAYOUT MAY SIGNIFICANTLY AFFECT CIRCUIT PERFORMANCE OR RELIABILITY. CONTACT LINEAR TECHNOLOGY APPLICATIONS ENGINEERING FOR ASSISTANCE.		PCB DES.	A.K.	TITLE: SCHEMATIC HIGH ACCURACY WARELESS TEMP SENSOR WITH SOLAR BATTERY LIFE EXTENDER		SIZE	REV.
THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.		APP ENG.	JON M.			N/A	4
		SCALE = NONE		DATE:	Wednesday, January 27, 2016	SHEET 1 OF 3	



NOTES: UNLESS OTHERWISE SPECIFIED -
ALL RESISTORS ARE ±1%, 0402
ALL CAPACITORS ARE ±10%, 50V, 0402

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THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.		APP ENG.	JON M.	TITLE: SCHEMATIC HIGH ACCURACY WARELESS TEMP SENSOR WITH SOLAR BATTERY LIFE EXTENDER	
		SCALE	NONE	SIZE	N/A
		DATE:	Wednesday, January 27, 2016	IC NO.	LTP5901-IPM, LTC3330EUH, LTC2484CDD, LTC6654AHS6-2.5
				REV.	4
				DEMO CIRCUIT 2126A	
				SHEET 2 OF 3	



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THIS CIRCUIT IS PROPRIETARY TO LINEAR TECHNOLOGY AND SUPPLIED FOR USE WITH LINEAR TECHNOLOGY PARTS.

APPROVALS

PCB DES.	A.K.
APP ENG.	JON M.
SCALE = NONE	



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TITLE: SCHEMATIC
HIGH ACCURACY WIRELESS TEMP SENSOR
WITH SOLAR BATTERY LIFE EXTENDER

SIZE N/A	IC NO. LTP5901-IPM, LTC3330EUH, LTC2484CDD, LTC6654AHS6-2.5	REV. 4
DATE: Wednesday, January 27, 2016		SHEET 3 OF 3

DATE: Wednesday, January 27, 2016 SHEET 3 OF 3