



* ASSEMBLY TYPE

ASSY TYPE	LTC Part # U1	RPOT	RSET1	RSET2	RJ1	RJ2	RJ3	RJ4	RJ5	RJ6	RJ7	RJ8	RJ9	C5	C6	R02	RE	RJ10
A	LTC6905CS5	20K	10K		0 OHM	0 OHM	0 OHM					0 OHM	0 OHM	0.1uF	0.01uF			0 OHM
B	LTC1799CS5	500K	4.99K		0 OHM	0 OHM	0 OHM					0 OHM	0 OHM	0.1uF	0.01uF			0 OHM
C	LTC6900CS5	500K	20K		0 OHM	0 OHM	0 OHM					0 OHM	0 OHM	0.1uF	0.01uF			0 OHM
D	LTC6905CS5-133	OPEN	OPEN			0 OHM	0 OHM					0 OHM	0 OHM	0.1uF	0.01uF		1K	0 OHM
E	LTC6905CS5-100	OPEN	OPEN			0 OHM	0 OHM					0 OHM	0 OHM	0.1uF	0.01uF		1K	0 OHM
F	LTC6905CS5-96	OPEN	OPEN			0 OHM	0 OHM					0 OHM	0 OHM	0.1uF	0.01uF		1K	0 OHM
G	LTC6905CS5-80	OPEN	OPEN			0 OHM	0 OHM					0 OHM	0 OHM	0.1uF	0.01uF		1K	0 OHM
H	LTC6906CS6	500K		100K				0 OHM	0 OHM	0 OHM	0 OHM							0 OHM
I	LTC6907CS6	500K		49.9K				0 OHM	0 OHM	0 OHM	0 OHM							0 OHM
J	LTC6908CS6-1	500K	10K		0 OHM	0 OHM	0 OHM						0 OHM	0.1uF	0.01uF	49.9		0 OHM
K	LTC6908CS6-2	500K	10K		0 OHM	0 OHM	0 OHM						0 OHM	0.1uF	0.01uF	49.9		0 OHM

** IC NO. :LTC6905, LTC1799, LTC6900, LTC6905-80, LTC6905-96, LTC6905-100, LTC6905-133 -5 LEAD SOT-23

LTC6906, LTC6907, LTC6908-1, LTC6908-2 - 6 LEAD SOT23

NOTE: UNLESS OTHERWISE SPECIFIED

ALL RESISTORS ARE IN OHMS, 0603
ALL CAPACITORS ARE 0603, 16V

CUSTOMER NOTICE

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.

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

APPROVALS

PCB DES. AK
APP ENG. PHILIP K.

SCALE = NONE



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LTC Confidential-For Customer Use Only

TITLE: SCHEMATIC

RESISTOR - SET OSCILLATOR IC

SIZE N/A IC NO. ** LTC IN SOT23 REV. 1
DEMO CIRCUIT 2073B

DATE: Tuesday, April 19, 2016 SHEET 1 OF 1