

Bill of Materials

TI DESIGNS

TIDC-CC3200-EPD_DESIGN

ltem	Qty	Reference	Value	Part Description	Manufacturer	Manufacturer	Alternate Part	PCB Footprint	Note
						Part Number			
1	1	!PCB1		Printed Circuit Board	Any	EPD_BP			
2	1	C1	2.2uF	CAP, CERM, 2.2 µF, 10 V, +/-	AVX	0805ZD225KAT2A		0805	
3	10	C2, C3, C5, C8, C9, C10, C11, C15, C16, C18	2.2uF	CAP, CERM, 2.2 μF, 16 V, +/- 10%, X5R, 0805	AVX	0805YD225KAT2A		0805	
4	5	C4, C6, C7, C13, C14	2.2uF	CAP, CERM, 2.2 μF, 50 V, +/- 10%, X5R, 0805	TDK	C2012X5R1H225K125A B		0805	
5	1	C12	1uF	X5R, 0805	AVX	08053D105KAT2A		0805	
6	2	C17, C19	0.1uF	, , , , , , , , , , , , , , , , , , , ,	AVX	06033C104KAT2A		0603	
7	1	D1	30V	Diode, Schottky, 30 V, 0.2 A, SOT-	Fairchild Semiconducto	BAT54SWT1G		SOT-323	
8	3	FID1, FID2, FID3		Fiducial mark. There is nothing to	N/A	N/A		Fiducial	
9	1	J1	Right Angle Socket	Connector, FFC/FFP Receptacle,	Hirose Electric Co. Ltd.	FH12-40S-0.5SH(55)		24.1x2.0x5.6mm	
10	2	J2, J3		Connector, Receptacle, 100mil, 10x2, Gold plated, SMD	Samtec	SSW-110-22-F-D-VS-K		10x2 Receptacle	
11	4	Q1, Q2, Q3, Q7	60V	MOSFET, N-CH, 60 V, 0.31 A,	Fairchild Semiconducto	2N7002KW		SOT-323	
12	2	Q4, Q6	-50V	MOSFET, P-CH, -50 V, -0.13 A,	Diodes Inc.	BSS84W-7-F		SOT-323	
13	1	Q5	20V	MOSFET, P-CH, 20 V, -4.4 A, SOT-23	Vishay-Siliconix	SI2377EDS-T1-GE3		SOT-23	
14	1	R1	2.0k	RES, 2.0 k, 5%, 0.125 W, 0805	Vishay-Dale	CRCW08052K00JNEA		0805	
15	3	R2, R3, R4	100k	RES, 100 k, 5%, 0.125 W, 0805	Vishay-Dale	CRCW0805100KJNEA		0805	
16	1	R5	33k	RES, 33 k, 5%, 0.125 W, 0805	Vishay-Dale	CRCW080533K0JNEA		0805	
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