



# Bill of Materials

TI DESIGNS

## TIDEP0059-Data Concentrator Reference Design Bill of Materials (BOM)

Item	P/N	Vendor	Qty	Unit	REACH Cmp	Type	Rev	Stat	Title	Detail	Mfr Name	Reference(m)	Reference(1)	Mfr P/N
1	516881-0001R		1	each	Jun-13	DWVG	C	U	PWB,DATA CONCENTRATOR EVM	CSTM				
2	516882-0001		1	each	N/A	DOC	C	U	LOGIC,DATA CONCENTRATOR EVM	SCH				
4	104130-0003R-TI		1	each	Jul-12	PS		U	IC,AM3359BZC280,Subarctic PG 1.2,07-25-13	MATL	Texas Instruments	U13		XAM3359BZC2
5	102235-0001R		1	each	Jun-12	PS		U	IC,S08,SERIAL EEPROM,256K-BIT	MATL	Catalyst Semiconductor, Inc.	U9		CAT24C256WI-GT3
6	103165-0001R		1	each	Jan-11	PS		U	IC,S016,SERIAL FLASH MEMORY,QUAD I/O,64 MEGA-BIT	MATL	Winbond Electronics Corp.	U23		W25Q64BVSFIG
7	103795-0250R		1	each	Dec-12	PS		U	IC,BGA84,DDR2 SDRAM,2G,2.5ns	MATL	Micron Technology, Inc.	U12		MT47H128M16RT-25E:C
9	103981-0005R		1	each	Mar-11	PS		U	CONVERTER,SIP7,DC-DC,1W,5V,5.2kV	MATL	RECOM POWER INC.	U15		R05P055/P
10	101691-0001R		2	each	Jul-12	PS		U	IC,TSSOP16,RS-232 DRIVER/RECEIVER	MATL	Texas Instruments	U26, U27		MAX3221CPWR
11	104204-0002R		1	each	Dec-12	PS		U	IC,T5OP48,FLASH MEMORY,NAND,2G	MATL	Micron Technology, Inc.	U25		MT29F2G08ABAEAWP-E
12	104199-0001R		3	each	Jul-12	PS		U	IC,S08,RS-485 TRANSCEIVER	MATL	Texas Instruments	U16, U17, U18		SN65HVD3082ED
13	104250-0001R		2	each	Jul-12	PS		U	IC,S08,POWER-DISTRIBUTION SWITCH,500mA,ACTIVE HIGH	MATL	Texas Instruments	U28, U29		TPS2051BD
14	102156-0001R		3	each	Jul-12	PS		U	IC,S06,SINGLE-BIT DUAL-SUPPLY BUS TRANSCEIVER	MATL	Texas Instruments	U34, U35, U36		SN74AVC1T45DCKR
15	101057-0125R		1	each	Jul-12	PS		U	IC,S05,SINGLE BUS BUFFER GATE	MATL	Texas Instruments	U38		SN74LVC1G12SDCKR
16	101057-0008R		3	each	Jul-12	PS		U	IC,S05,SINGLE 2-INPUT POSITIVE AND GATE	MATL	Texas Instruments	U10, U21, U22		SN74LVC1G08DCKR
17	103404-0018R		1	each	Jul-12	PS		U	IC,S05,LINEAR REGULATOR,150mA,1.8V	MATL	Texas Instruments	U6		TPS71718DCKT
19	103528-0001R		3	each	Jun-11	PS		U	IC,S0,OPTOCOUPLER,PHOTOTRANSISTOR	MATL	Fairchild Semiconductor	ISO1, ISO2, ISO3		FOD817B5D
20	102566-0001R		1	each	Jul-12	PS		U	IC,SMT,PROTECTION ARRAY,6-CHANNEL 15-kV ESD	MATL	Texas Instruments	U30		TPD6E001R5ER
21	104240-0001R		2	each	Jul-12	PS		U	IC,SMT,PROTECTION ARRAY,4-CHANNEL 10-kV ESD	MATL	Texas Instruments	U31, U32		TPD45012DRY
22	104203-0001R		6	each	Jun-13	PS		U	IC,SMT,PHOTOCOUPLER,5kV	MATL	California Eastern Laboratories	ISO4, ISO5, ISO6, ISO7, ISO8, ISO9		PS2501L-1-F3-L-A
23	101670-0001R		2	each	Jul-12	PS		U	IC,QSDP16,LOW VOLTAGE,QUAD 2:1 MULTIPLEXER/DEMULTIPLEXER	MATL	Texas Instruments	U14, U24		SN74CBTLV3257PWR
24	104270-0001R		1	each	Jul-12	PS		U	IC,QFN48,POWER MANAGEMENT UNIT	MATL	Texas Instruments	U5		TPS65910A1RSL
25	103629-0001R		2	each	Jun-13	PS		U	IC,QFN48,GIGABIT ETHERNET TRANSCEIVER	MATL	Atheros Communications, Incorporated	U19, U20		AR8031-ALIA
26	104238-0001R		1	each	Jul-12	PS		U	IC,QFN24,STEP-DOWN REGULATOR,6A	MATL	Texas Instruments	U1		TPS53313RGE
27	104239-0001R		1	each	Jul-12	PS		U	IC,QFN16,DC-DC REGULATOR,5A	MATL	Texas Instruments	U3		TPS5534ORTE
28	103317-0001R		1	each	Jul-12	PS		U	IC,QFN14,SYNCHRONOUS STEP DOWN SWITCHER,6A	MATL	Texas Instruments	U2		TPS54620RGY
29	104186-0001R		1	each	Jul-12	PS		U	IC,MSOP8,TEMPERATURE SENSOR,DIGITAL OUT	MATL	Texas Instruments	U11		TMP275AIDGK
30	102020-0009R		1	each	Jul-12	PS		U	IC,DBV6,SUPERVISORY CIRCUIT, 9V	MATL	Texas Instruments	U7		TPS3808G09DBVR
31	101722-0001R		1	each	Jul-12	PS		U	IC,DBV6,LINEAR REGULATOR,ADJUSTABLE	MATL	Texas Instruments	U8		TPS79301DBVR
32	103670-0001R		1	each	Jul-12	PS		U	IC,DBV6,DUAL BUFFER/DRIVER WITH OPEN-DRAIN OUTPUTS	MATL	Texas Instruments	U37		SN74LVC2G07DBVR
33	102872-0001R		3	each	Jul-12	PS		U	IC,DBV6,CONFIGURABLE MULTIPLE-FUNCTION GATE	MATL	Texas Instruments	U39, U40, U41		SN74LVC1G57DBVR
40	103824-0001R		4	each	Dec-11	PS		U	TRANSISTOR,SOT23,MOSFET,N CHANNEL	MATL	NXP Semiconductors	Q6, Q7, Q8, Q9		2N7002E,215
41	100680-0001R		6	each	Jun-12	PS		U	TRANSISTOR,SOT23,MOSFET,N-CHANNEL,BSS138	MATL	Zetex, Inc.	Q10, Q11, Q12, Q13, Q4, Q5		BSS138TA
42	101361-0001R		3	each	Jun-12	PS		U	TRANSISTOR,SOT23,NPN,FMMT3904	MATL	Diodes, Inc.	Q14, Q15, Q16		MMBT3904-7-F
43	103529-0001R		3	each	Jun-12	PS		U	TRANSISTOR,SOT23,NPN,GENERAL PURPOSE,45V,500mA	MATL	ON Semiconductor	Q1, Q2, Q3		BC817-40LT1G
50	104209-0001R		1	each	Feb-13	PS		U	INFRARED RECEIVER MODULE,THRU-HOLE,37.9KHz,SIDE VIEW	MATL	Rohm Corporation	U33		RPMT738-H5
55	102883-0032R		1	each	Sep-11	PS		U	CRYSTAL,SMT,32.768KHz	MATL	Seiko Instruments USA, Inc.	Y1		5SP17F-12.5PF20-R
56	101590-0240R		1	each	Jun-12	PS		U	CRYSTAL,SMT,6mm,24 MHZ	MATL	Abracon	Y3		ABM7-24.000MHZ-D2Y-T
57	101590-0250R		2	each	Jun-12	PS		U	CRYSTAL,SMT,6mm,25 MHZ	MATL	Abracon	Y4, Y5		ABM7-25.000MHZ-D2Y-T
60	103533-0001R		6	each	Jul-11	PS		U	DIODE,SMB,BI-DIRECTIONAL,600W,10V	MATL	STMicroelectronics	D17, D18, D19, D20, D21, D22		5M6T10CA
61	103110-0001R		3	each	Jun-12	PS		U	DIODE,SMT,SCHOTTKY RECTIFIER,3A,40V	MATL	ON Semiconductor	D11, D3, D4		MBRA340T3G
62	100391-0001R	MICROSEMI CORP.	3	each	Jun-12	PS		U	DIODE,SMT,SWITCHING	MATL	Microsemi Corp.	D1, D6, D8		DL1448-TP
63	103530-0001R		3	each	Jul-11	PS		U	DIODE,SOD80,ZENER,5.6V	MATL	NXP Semiconductors	D2, D7, D9		BZV55-CSV6,115
64	104356-0001R		1	each	Jul-11	PS		U	DIODE,SMB,BI-DIRECTIONAL,600W,7.5V	MATL	STMicroelectronics	D10		5M6T7V5CA
70	101728-1501R		6	each	Aug-12	PS		U	FERRITE BEAD,SMT 0805,150 OHMS	MATL	Murata Electronics	FB1, FB10, FB2, FB3, FB4, FB9		BLM21AG1515N1D
71	101558-0040R		4	each	Aug-11	PS		U	FERRITE BEAD,SMT 0805,40 OHMS	MATL	Steward	FB5, FB6, FB7, FB8		MI0805K400R-10
75	103170-0001R		2	each	Mar-12	PS		U	FILTER,SMT,COMMON MODE,90 OHM	MATL	TDK Corporation	L10, L11		ACM2012H-900-2P-T00
80	100872-1500R		1	each	Feb-13	PS		U	FUSE,SMT,OMNI-BLOK,1.5A	MATL	Littelfuse	F1		015401.50RT
85	101810-0101R		1	each	Aug-11	PS		U	FUSE,SMT,SMT,10uH,5.7mm SQ,1.2A	MATL	Sumida Electric Co., Ltd.	L3		CDRH5D18NP-100NC
86	103636-0220R		3	each	Mar-12	PS		U	INDUCTOR,SMT,2.2uH,+/-30%	MATL	TDK Corporation	L4, L6, L7		VLCF5020T-2R2N2R6-3
87	103401-0470R		1	each	Sep-11	PS		U	INDUCTOR,SMT,4.7uH,8.5A	MATL	Würth Electronics Midcom Inc.	L1		74477004
88	103631-0470R		3	each	Aug-12	PS		U	INDUCTOR,SMT,4.7uH,POWER,9A	MATL	Murata Electronics	L5, L8, L9		LOM2MPPNR47NG0
89	103368-0330R		1	each	Sep-11	PS		U	INDUCTOR,SMT,POWER CHOKE,3.3uH,+/-20%	MATL	Susumu Co., Ltd.	L2		PCMB10AT-3R3M5
90	103084-0150R		3	each	Jul-11	PS		U	INDUCTOR,SMT,15uH,3.1A	MATL	Coiltronics Incorporated	L12, L14, L16		DR1040-150-R
91	104357-0600R		3	each	Jun-13	PS		U	INDUCTOR,SMT,POWER CHOKE,600nH,27A	MATL	Panasonic	L13, L15, L17		ETQ-PSLR60XFA
92	104358-0103R		2	each	Jun-13	PS		U	INDUCTOR,SMT,POWER,1000uH,.3A	MATL	Coilcraft, Inc.	L18, L19		LP56235-105MLC
95	103311-0001R		7	each	Mar-11	PS		U	LED,SMT 0805,GREEN	MATL	LITEON	D12, D13, D14, D51, D52, D53, D54		LTST-C170GKT
96	100823-0001R		4	each	Mar-11	PS		U	LED,SMT 1206,GREEN	MATL	LITEON	D510, D55, D56, D59		LTST-C150GKT
97	100823-0003R		2	each	Mar-11	PS		U	LED,SMT 1206,ORANGE	MATL	LITEON	D57, D58		LTST-C150EKT
98	103661-0001R		1	each	Jan-09	PS		U	LED,T1-3/4,INFRARED,940NM	MATL	Vishay Intertechnology	IRD1		TSAL7600
100	104229-0001R		1	each	Oct-10	PS		U	POWER SUPPLY,AC-DC,12V	MATL	CUi, Inc.	PWR1		VOF-15-12
105	103526-0001R		6	each	Oct-11	PS		U	VARIATOR,RADIAL,20MM,275V	MATL	Epcos, Inc.	RV1, RV2, RV3, RV4, RV5, RV6		52K0K275
106	101808-0014R		1	each	Jun-12	PS		U	TRANSORB,SMC,UNI-DIRECTIONAL,1500W,14V	MATL	Diodes, Inc.	D5		SMCJ14A-13-F
110	104180-0001R		1	each	Dec-12	PS		U	TRANSFORMER,SIGNAL COUPLING	MATL	Würth Electronics Midcom Inc.	T1		750510476
115	104215-0001R		6	each	Jun-11	PS		U	THERMISTOR,RADIAL,PTC,50mA	MATL	GE Sensing	RT1, RT2, RT3, RT4, RT5, RT6		YG80608
120	101290-0102R		1	each	Jan-11	PS		U	CAP,TANT,SMT 2816,100uF,16V	MATL	Kemet Electronics Corporation	C53		T4910107K016AT
121	101410-1470R		3	each	Dec-12	PS		U	CAP,MTL POLY,RADIAL,47uF,400V	MATL	Panasonic	C1, C2, C5		ECQ-44747K
122	103058-0470R		8	each	Dec-12	PS		U	CAP,CER,SMT 1210,4.7uF,50V,X5R,+/-10%	MATL	Taiyo Yuden	C17, C18, C22, C24, C29, C30, C31, C32		UMK325BJ475MM-T
123	103216-0102R		3	each	Mar-12	PS		U	CAP,CER,SMT 1210,100uF,6.3V,Y5V	MATL	TDK Corporation	C23, C84, C86		C3225Y5V0107Z
125	101694-0470R		1	each	Jan-11	PS		U	CAP,CER,SMT 1206,4.7uF,16V,X5R	MATL	Kemet Electronics Corporation	C9		C1206C475K4PAC
126	101064-0221R		6	each	Dec-12	PS		U	CAP,CER,SMT 1206,22uF,10V	MATL	Taiyo Yuden	C3, C4, C47, C6, C7, C8		LMK316F226ZL-T
127	103379-0101R		3	each	Aug-12	PS		U	CAP,CER,SMT 1206,10uF,25V,X5R,10%	MATL	Murata Electronics	C13, C14, C20		GRM31CR61E106KA12L
130	102895-0101R		28	each	Dec-12	PS		U	CAP,CER,SMT 0805,10uF,16V,X5R,+/-10%	MATL	Taiyo Yuden	C111, C118, C128, C129, C130, C137, C167, C178, C212, C214, C236, C240, C246, C248, C249, C260, C37, C38, C39, C55, C56, C57, C63, C64, C65, C66, C73, C74		EMK212BJ106K-GT
131	100201-1100R		5	each	Sep-12	PS		U	CAP,CER,SMT 0805,.1uF,50V,+10/-10%,X7R	MATL	Yageo	C100, C102, C108, C44, C48		CC0805KRX79BB104

Item	P/N	Vendor	Qty	Unit	REACH Cmp	Type	Rev	Stat	Title	Detail	Mfr Name	Reference(m)	Reference(t)	Mfr P/N
132	103532-1222R		1	each	Jan-11	PS		U	CAP,CER,SMT 0805,2200pF,250V,+/-10%,X7R	MATL	Kemet Electronics Corporation	C25		C0805C222KARACTU
133	101103-1823R		1	each	Dec-12	PS		U	CAP,CER,SMT 0603,820pF,50V,+/-5%,NPO	MATL	Panasonic	C105		ECJ-1VC1H821U
134	100993-1472R		1	each	Jun-12	PS		U	CAP,CER,SMT 0603,4700pF,50V,+/-10%,X7R	MATL	AVX Corporation	C104		06035C472KAT2A
135	102590-0470R		8	each	Aug-12	PS		U	CAP,CER,SMT 0603,4.7uF,6.3V,X5R,+/-20%	MATL	Murata Electronics	C122, C124, C125, C131, C132, C91, C92, C93		GRM188R60J475ME19D
136	100993-1100R		3	each	Jun-12	PS		U	CAP,CER,SMT 0603,.1uF,50V,+/-10%,X7R	MATL	AVX Corporation	C101, C103, C109		06035C104KAT2A
137	100994-1221R		1	each	Dec-12	PS		U	CAP,CER,SMT 0603,.022uF,16V,+/-10%,X7R	MATL	Panasonic	C11		ECJ-1VB1C223K
139	100993-1101R		1	each	Jun-12	PS		U	CAP,CER,SMT 0603,.01uF,50V,+/-10%,X7R	MATL	AVX Corporation	C21		06035C103KAT2A
150	102756-1244R		6	each	Aug-12	PS		U	CAP,CER,SMT 0402,24pF,50V,+/-5%,COG	MATL	Murata Electronics	C41, C45, C80, C81, C82, C83		GRM1555C1H240J201D
151	101782-1224R		1	each	Jan-11	PS		U	CAP,CER,SMT 0402,22pF,50V,+/-5%,NPO	MATL	Kemet Electronics Corporation	C154		C0402C2205GACTU
152	102058-1222R		1	each	Jan-11	PS		U	CAP,CER,SMT 0402,2200pF,50V,+/-10%,X7R	MATL	Kemet Electronics Corporation	C15		C0402C222K5RACTU
153	103649-0220R		10	each	Mar-12	PS		U	CAP,CER,SMT 0402,2.2uF,6.3V,+/-20%,X5R	MATL	TDK Corporation	C117, C123, C126, C133, C134, C135, C139, C153, C35, C36		C1005X5R0J225M
154	102962-0100R		23	each	Aug-12	PS		U	CAP,CER,SMT 0402,1uF,6.3V,+/-10%,X5R	MATL	Murata Electronics	C106, C107, C144, C151, C155, C156, C157, C163, C229, C252, C253, C254, C255, C256, C257, C258, C259, C33, C42, C43, C71, C76, C79		GRM155R60J105KE19D
155	101782-1184R		2	each	Dec-12	PS		U	CAP,CER,SMT 0402,18pF,50V,NPO	MATL	Taiyo Yuden	C59, C60		UMK105CG180JVF
156	101782-1153R		1	each	Dec-12	PS		U	CAP,CER,SMT 0402,150pF,50V,NPO	MATL	Panasonic	C19		ECJ-0EC1H151J
157	101782-1103R		1	each	Jan-11	PS		U	CAP,CER,SMT 0402,100pF,50V,+/-5%,NPO	MATL	Kemet Electronics Corporation	C27		C0402C101J5GAC
158	101587-1100R		58	each	Jan-11	PS		U	CAP,CER,SMT 0402,.1uF,10V,+/-10%,X5R	MATL	Kemet Electronics Corporation	C12, C120, C121, C127, C145, C147, C150, C16, C161, C162, C168, C172, C180, C184, C185, C189, C191, C207, C208, C215, C217, C218, C219, C220, C222, C224, C226, C227, C228, C230, C231, C232, C233, C234, C235, C237, C238, C239, C241, C242, C243, C244, C245, C247, C28, C54, C70, C72, C77, C78, C85, C87, C90, C95, C99, C264, C265, C266		C0402C104K8PACTU
159	101784-1471R		1	each	Dec-12	PS		U	CAP,CER,SMT 0402,.047uF,16V,Y5V	MATL	Panasonic	C110		ECJ-0EF1C473Z
160	101587-1101R		72	each	Jan-11	PS		U	CAP,CER,SMT 0402,.01uF,16V,+/-10%,X7R	MATL	Kemet Electronics Corporation	C112, C113, C114, C115, C116, C119, C136, C138, C140, C141, C142, C143, C146, C148, C149, C152, C158, C159, C160, C164, C165, C166, C169, C170, C171, C173, C174, C175, C176, C177, C179, C181, C182, C183, C186, C187, C188, C190, C192, C193, C194, C195, C196, C197, C198, C199, C200, C201, C202, C203, C204, C205, C206, C209, C210, C211, C213, C216, C250, C251, C34, C40, C46, C51, C58, C61, C62, C75, C88, C89, C97, C98		C0402C103K4RAC
161	102213-1181R		1	each	Dec-12	PS		U	CAP,CER,SMT 0402,.018uF,16V,+/-10%,X7R	MATL	Panasonic	C10		ECJ-0EB1C183K
162	104359-1470R		1	each	Dec-12	PS		U	CAP,RADIAL,BOX,MTL POLY,.47uF,275V,20%,X2	MATL	Panasonic	C267		ECQ-U24744ML
170	101370-0001R		143	each	Sep-12	PS		U	RES,SMT 0402,0 OHM,1/16 WATT	MATL	Yageo	C50, R100, R101, R115, R116, R117, R118, R119, R120, R121, R122, R123, R124, R125, R126, R127, R128, R136, R143, R151, R155, R161, R174, R175, R176, R177, R178, R179, R180, R181, R182, R183, R185, R186, R187, R188, R189, R191, R193, R195, R197, R198, R200, R201, R202, R204, R207, R224, R232, R233, R236, R237, R240, R241, R244, R246, R249, R251, R252, R254, R255, R262, R263, R264, R265, R266, R267, R270, R272, R273, R275, R277, R279, R281, R282, R283, R284, R285, R288, R289, R29, R292, R295, R302, R303, R305, R31, R320, R35, R36, R364, R367, R373, R374, R375, R376, R377, R378, R379, R380, R382, R389, R390, R397, R398, R400, R401, R409, R410, R44, R446, R463, R464, R468, R469, R473, R48, R481, R482, R483, R485, R486, R487, R494, R495, R499, R502, R505, R506, R507, R57, R58, R59, R60, R88, R89, R94, R95, R97, R98, R99, R447, R448		RC0402JR-070RL
171	102145-1502R		1	each	Sep-12	PS		U	RES,SMT 0402,1.5K,1%,1/16 WATT	MATL	Yageo	R443		RC0402FR-071K5L
172	102145-1782R		1	each	Dec-12	PS		U	RES,SMT 0402,1.78K,1%,1/16 WATT	MATL	Panasonic	R221		ERJ-2RKF1781X
173	102145-1001R		1	each	Sep-12	PS		U	RES,SMT 0402,100 OHM,1%,1/16 WATT	MATL	Yageo	R219		RC0402FR-07100RL
174	101370-1004R		7	each	Sep-12	PS		U	RES,SMT 0402,100K,5%,1/16 WATT	MATL	Yageo	R16, R22, R23, R312, R313, R314, R315		RC0402JR-07100KL
175	102145-1003R		2	each	Sep-12	PS		U	RES,SMT 0402,10K,1%,1/16 WATT	MATL	Yageo	R220, R235		RC0402FR-0710KL
176	101370-1003R		101	each	Sep-12	PS		U	RES,SMT 0402,10K,5%,1/16 WATT	MATL	Yageo	R105, R13, R130, R131, R132, R133, R134, R135, R137, R138, R140, R141, R142, R144, R146, R149, R158, R160, R190, R192, R194, R196, R199, R203, R205, R226, R229, R230, R231, R238, R24, R243, R25, R250, R253, R26, R269, R27, R271, R278, R280, R286, R287, R290, R291, R296, R297, R311, R316, R318, R319, R323, R339, R340, R341, R342, R343, R368, R369, R370, R371, R402, R422, R423, R424, R425, R426, R427, R428, R429, R430, R432, R435, R439, R444, R445, R45, R457, R46, R460, R461, R462, R467, R477, R478, R479, R480, R489, R490, R491, R492, R497, R498, R500, R501, R503, R504, R512, R513, R514, R55		RC0402JR-0710KL
177	102145-1154R		1	each	Dec-12	PS		U	RES,SMT 0402,115K OHM,1%,1/16 WATT	MATL	Panasonic	R18		ERJ-2RKF1153X
178	101370-1204R		1	each	Dec-12	PS		U	RES,SMT 0402,120K,5%,1/16 WATT	MATL	Panasonic	R208		ERJ-2GEJ124X
179	101370-1501R		6	each	Sep-12	PS		U	RES,SMT 0402,150 OHM,5%,1/16 WATT	MATL	Yageo	R256, R257, R420, R421, R433, R442		RC0402JR-07150RL
180	102145-1002R		2	each	Sep-12	PS		U	RES,SMT 0402,1K,1%,1/16 WATT	MATL	Yageo	R72, R74		RC0402FR-071KL
181	101370-2202R		1	each	Sep-12	PS		U	RES,SMT 0402,2.2K OHM,5%,1/16 WATT	MATL	Yageo	R228		RC0402JR-072K2L
182	102145-2372R		2	each	Dec-12	PS		U	RES,SMT 0402,2.37K,1%,1/16 WATT	MATL	Panasonic	R458, R459		ERJ-2RKF2371X
183	102145-2552R		1	each	Dec-12	PS		U	RES,SMT 0402,2.55K,1%,1/16 WATT	MATL	Panasonic	R234		ERJ-2RKF2551X
184	101370-2003R		1	each	Dec-12	PS		U	RES,SMT 0402,20K,5%,1/16 WATT	MATL	Panasonic	R465		ERJ-2GEJ203X
185	101370-2200R		61	each	Sep-12	PS		U	RES,SMT 0402,22 OHM,5%,1/16 WATT	MATL	Yageo	R307, R309, R310, R317, R321, R322, R326, R327, R330, R331, R332, R333, R334, R335, R337, R338, R344, R345, R346, R347, R348, R349, R353, R355, R358, R360, R365, R366, R372, R391, R392, R393, R394, R395, R396, R49, R51, R52, R53, R54, R56, R61, R62, R63, R65, R66, R67, R68, R71, R73, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85		RC0402JR-0722RL
186	101370-2201R		6	each	Sep-12	PS		U	RES,SMT 0402,220 OHM,5%,1/16 WATT	MATL	Yageo	R470, R471, R472, R474, R475, R476		RC0402JR-07220RL
187	102145-2403R		2	each	Dec-12	PS		U	RES,SMT 0402,24K,1%,1/16 WATT	MATL	Panasonic	R300, R301		ERJ-2RKF2402X
188	101370-2002R		15	each	Sep-12	PS		U	RES,SMT 0402,2K,5%,1/16 WATT	MATL	Yageo	R325, R329, R384, R386, R388, R405, R407, R449, R450, R451, R452, R453, R454, R455, R456		RC0402JR-072KL
189	102145-3162R		1	each	Dec-12	PS		U	RES,SMT 0402,3.16K,1%,1/16 WATT	MATL	Panasonic	R11		ERJ-2RKF3161X
190	101370-4702R		9	each	Sep-12	PS		U	RES,SMT 0402,4.7K OHM,5%,1/16 WATT	MATL	Yageo	R156, R157, R268, R274, R276, R294, R306, R438, R466		RC0402JR-074K7L
191	101370-4701R		1	each	Sep-12	PS		U	RES,SMT 0402,470 OHM,5%,1/16 WATT	MATL	Yageo	R50		RC0402JR-07470RL
192	101370-4704R		1	each	Dec-12	PS		U	RES,SMT 0402,470K,5%,1/16 WATT	MATL	Panasonic	R184		ERJ-2GEJ474X
193	102145-4990R		2	each	Dec-12	PS		U	RES,SMT 0402,49.9 OHM,1%,1/16 WATT	MATL	Panasonic	R19, R336		ERJ-2RKF49R9X
194	102145-5103R		1	each	Dec-12	PS		U	RES,SMT 0402,51K OHM,1%,1/16 WATT	MATL	Panasonic	R299		ERJ-2RKF5102X
195	102145-7873R		1	each	Jan-09	PS		U	RES,SMT 0402,78.7K OHM,1%,1/16 WATT	MATL	Vishay Intertechnology	R20		CRCW040278K7FKED
196	102145-8063R		1	each	Jan-09	PS		U	RES,SMT 0402,80.6K OHM,1%,1/16 WATT	MATL	Vishay Intertechnology	R225		CRCW040280K6FKED
197	102145-9092R		1	each	Dec-12	PS		U	RES,SMT 0402,9.09K OHM,1%,1/16 WATT	MATL	Panasonic	R308		ERJ-2RKF9091X
200	103258-0002R		7	each	Jan-09	PS		U	RES,SMT 0603,.02 OHM,1%,1W	MATL	Vishay Intertechnology	R32, R33, R37, R69, R70, R86, R87		WSL0603R0200FEA
201	100687-0001R		6	each	Dec-12	PS		U	RES,SMT 0603,0 OHM,1/16 WATT	MATL	Panasonic	R206, R210, R214, R218, R38, R41		ERJ-3GEYR000V

Item	P/N	Vendor	Qty	Unit	REACH Cmp	Type	Rev	Stat	Title	Detail	Mfr Name	Reference(m)	Reference(t)	Mfr P/N
202	100687-1004R		9	each	Sep-12	PS		U	RES,SMT 0603,100K OHM,5%,1/16 WATT	MATL	Yageo	R1, R12, R14, R2, R3, R4, R5, R6, R9		RC0603JR-07100KL
203	100687-1003R		6	each	Sep-12	PS		U	RES,SMT 0603,10K OHM,5%,1/16 WATT	MATL	Yageo	R361, R362, R363, R411, R414, R416		RC0603JR-0710KL
204	100642-1002R		2	each	Dec-12	PS		U	RES,SMT 0603,1K OHM,1%,1/16 WATT	MATL	Panasonic	R508, R510		ERJ-3EFJ1001V
205	100642-2213R		1	each	Dec-12	PS		U	RES,SMT 0603,22.1K OHM,1%,1/16 WATT	MATL	Panasonic	R8		ERJ-3EFJ2212V
206	100687-2404R		3	each	Sep-12	PS		U	RES,SMT 0603,240K OHM,5%,1/16 WATT	MATL	Yageo	R209, R213, R217		RC0603JR-07240KL
207	100687-2701R		3	each	Dec-12	PS		U	RES,SMT 0603,270 OHM,5%,1/16 WATT	MATL	Panasonic	R211, R215, R222		ERJ-3GEYJ271V
208	100642-3012R		2	each	Dec-12	PS		U	RES,SMT 0603,3.01K OHM,1%,1/16 WATT	MATL	Panasonic	R10, R227		ERJ-3EFJ3011V
209	100687-3301R		6	each	Dec-12	PS		U	RES,SMT 0603,330 OHM,5%,1/16 WATT	MATL	Panasonic	R350, R351, R352, R356, R357, R359		ERJ-3GEYJ331V
210	100687-4701R		3	each	Dec-12	PS		U	RES,SMT 0603,470 OHM,5%,1/16 WATT	MATL	Panasonic	R413, R418, R419		ERJ-3GEYJ471V
211	100642-4990R		1	each	Dec-12	PS		U	RES,SMT 0603,49.9 OHM,1%,1/10 WATT	MATL	Panasonic	R509		ERJ-3EFJ49R9V
212	100642-7501R		3	each	Dec-12	PS		U	RES,SMT 0603,750 OHM,1%,1/16 WATT	MATL	Panasonic	R412, R415, R417		ERJ-3EFJ7500V
220	100552-1202R		2	each	Dec-12	PS		U	RES,SMT 0805,1.2K,5%,1/10 WATT	MATL	Panasonic	R90, R91		ERJ-6GEYJ122V
221	100552-1502R		3	each	Sep-12	PS		U	RES,SMT 0805,1.5K OHM,5%,1/10 WATT	MATL	Yageo	R212, R216, R223		RC0805JR-071K5L
222	100552-0470R		1	each	Sep-12	PS		U	RES,SMT 0805,4.7 OHM,5%,1/10 WATT	MATL	Yageo	R17		RC0805JR-07487L
223	100155-0001R		1	each	Sep-12	PS		U	RES,SMT 1206,0 OHM,1/4 WATT	MATL	Yageo	R247		RC1206JR-0708L
224	100155-1203R		6	each	Dec-12	PS		U	RES,SMT 1206,12K,5%,1/4 WATT	MATL	Panasonic	R162, R165, R166, R169, R170, R173		ERJ-8GEYJ123V
225	100155-2000R		6	each	Sep-12	PS		U	RES,SMT 1206,20 OHM,5%,1/4 WATT	MATL	Yageo	R163, R164, R167, R168, R171, R172		RC1206JR-0720RL
226	100830-0025R		4	each	Jan-09	PS		U	RES,SMT 2512,.025 OHM,1%,1W	MATL	Vishay Intertechnology	R34, R39, R40, R64		WSL2512R0250FEA
230	101184-0008R		1	each	Dec-11	PS		U	SWITCH,DIP SMT, HALF-PITCH,8 POS.	MATL	C&K/Unimax, Inc.	SW3		TDA08H0581R
231	104244-0001R		1	each	Jun-12	PS		U	SWITCH,SLIDE,RT ANGLE,SPDT,ON-NONE-ON	MATL	E-Switch	SW1		500ASSP1M6QE
232	101240-0001R		1	each	Dec-11	PS		U	SWITCH,SMT,PUSHBUTTON,MOMENTARY,25 SQ.	MATL	C&K/Unimax, Inc.	SW2		KT11P2JM34 LFS
240	100676-0003R	DIGIKEY	3	each	Aug-11	PS		U	TERMINAL BLOCK,3 POS.,VERT.,3.5mm SPC	MATL	On-Shore Technology, Inc.	J22, J23, J24		ED555/3DS
241	104179-0005R		1	each	Feb-13	PS		U	TERMINAL BLOCK,5 POS,41A,1000V/6.35MM	MATL	Phoenix Contact	P1		1777574
250	104295-0009R		1	each	Dec-12	PS		U	CONN,DB9,MALE-MALE,DUAL STACKING,RA	MATL	NorComp	P8		178-009-613R571
251	103641-0001R		1	each	Jun-12	PS		U	CONN,JACK,GIGABIT,16 CONTACTS,2 PORT	MATL	Bel Fuse, Inc.	P7		0833-2X1T-33-F
252	103285-0010R		4	each	Jun-11	PS		U	CONN,SMT,VERTICAL,HEADER,10X2,.225 HIGH	MATL	Framatome Connectors International	P3, P4, P5, P6		87409-110LF
253	103535-0017R		1	each	Sep-08	PS		U	CONN,SMT,VERTICAL,RECEPTACLE,17X2	MATL	Sullins Electronics, Corp.	P2		SFH31-NPPB-D17-SP-BK
254	102836-0001R		1	each	Sep-11	PS		U	CONN,SMT,RECEPTACLE,5 POS,RIGHT ANGLE,MICRO USB,TYPE AB	MATL	Hirose Electric, Inc.	J21		ZK62-AB-SPA(11)
255	100438-0001R		1	each	Oct-10	PS		U	CONN,POWER JACK,2.1mm,MALE	MATL	CUI, Inc.	J1		PJ-002A
256	100932-0007R		1	each	Aug-12	PS		U	CONN,SMT,VERTICAL,TERMINAL STRIP,7X2,.1	MATL	Samtec, Inc.	J7		TSM-107-01-S-DV
257	102710-0001R		1	each	Mar-13	PS		U	CONN,SMT,SU/MMC/RS-MMC	MATL	Morethanall Co., Ltd.	J26		MHC-W21-601-LF
258	101678-0001R		1	each	Aug-11	PS		U	CONN,RECEPTACLE,4 POS,RIGHT ANGLE,USB,TYPE A	MATL	Tyco Electronics	J25		292303-1
260	100115-0002R		10	each	Sep-08	PL		U	HEADER,2 X 1,VERTICAL,PIN	SUBA		J2, J3, J5, JP1, JP2, JP3, JP4, JP5, JP8, JP9		
261	100115-0003R		9	each	Sep-08	PL		U	HEADER,3 X 1,VERTICAL,PIN	SUBA		JP6, JP7, JP20, JP21, JP22, JP16, JP17, JP18, JP19		
266	102195-0011R		2	each	Dec-11	PS		U	TEST POINT,BLACK	MATL	Keystone Electronics Corp.	TP1, TP2		5011
270	SMT-TP1MM		19	each	N/A	PS		U	( NO-POP ) TEST POINT,SMT,1mm DIA.	NP		TP11, TP12, TP14, TP15, TP17, TP19, TP22, TP23, TP3, TP39, TP4, TP40, TP42, TP43, TP45, TP46, TP47, TP5, TP6		
275	TP-NO-POP		12	each	N/A	PS		U		NP		TP10, TP13, TP16, TP18, TP20, TP33, TP35, TP36, TP44, TP7, TP8, TP9		
276	TP-20RD10-NO-POP		14	each	N/A	PS		U		NP		TP21, TP24, TP25, TP26, TP27, TP28, TP29, TP30, TP31, TP32, TP34, TP37, TP38, TP41		
277	C0402-NOPOP		6	each	N/A	PS		U		NP		C221, C223, C225, C67, C68, C69		
278	R0402-NOPOP		56	each	N/A	PS		U		NP		R293, R103, R104, R106, R107, R108, R109, R110, R111, R112, R113, R114, R139, R145, R147, R15, R150, R152, R153, R154, R239, R245, R258, R259, R260, R261, R298, R30, R304, R324, R328, R354, R381, R383, R385, R387, R399, R403, R404, R406, R408, R42, R43, R431, R434, R436, R437, R47, R488, R496, R511, R515, R516, R92, R93, C94		
279	C1206-NOPOP		1	each	N/A	PS		U		NP		C26		
280	R2512-NOPOP		3	each	N/A	PS		U		NP		R21, R28, R7		
290	NO-POP		32	each	N/A	PS		U		NP		BT1, D15, D16, J10, J11, J12, J13, J14, J15, J16, J17, J18, J19, J20, J4, J6, J8, J9, PCB1, SCKT1, Y2, Z1, Z2, Z3, Z4, Z5, Z6, Z7, Z8, U4, TP48, TP49		
297	C0805-NOPOP		1	each	N/A	PS		U		NP		C96		

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