

Sample Bill of Materials (BOM) - REYcomp



- > All the information REYcomp needs in a Bill of Materials to complete an order is in columns B through G.
- > Distributor part numbers (ie.. DigiKey Part #'s) are not required for Kitted orders, but are helpful for Turn-Key pricing.
- > The BOM is the primary file that REYcomp goes by whenever there is any conflicting information.
- > There is information in the far right column that helps to get an assembly quote. Look at the bottom to see a board summary.
- > **Highlight in RED** any Not Mounted parts ("NM") , and they will be excluded from the build. Parts not listed on the BOM are considered DNS.

Item #	Qty	Ref Des	Manufacturer	Mfg Part #	Dist. Part #	Description	Package	Type
1	2	U1,U2	Texas Instrument	PMS430E337AHFD	PMS430E337AHFC	IC MCU MIXED-SGNL EPROM 100-CQFP	CQFP	fine pitch
2	1	U3	Maxim	SJK194U53N292	LP339M	low power voltage comparator LP339	QFP	fine pitch
3	2	U4,U5	Microchip	24LC256-I/SM	24LC256-I/SM-ND	Memoria 254K 2.5V 8-SOIC	SOIC	smt
4	2	D1,D2	Diodes, Inc.	ES3A-13	S3ADICT-ND	RECTIFIER SILICON 50@3A SMC	TSSOP	smt
5	1	D3	Schottky	B260A	B260A	SCHOTTKY RECTIFIER 60V@2A SMC	SOT-23	smt
6	1	D5	Vishay General	SGL41-20-E3/96	SGL41-20-E3/96GI	DIODE SCHOTTKY 1A 20V DO-213AB	MELF	smt
7	1	D4	Panasonic	ERJ-8YGV404234C	FR1G	Surface Mount Fast Recovery 1A@400V	SOT	smt
8	1	L1	Sumida	CDH53-680JC	308-1211-1-ND	INDUCTOR 68 uH 1.5Arms 0.18DCR	TSSOP	DNS
9	1	L2	TDK Corporation	NLC453232T-150K	445-1165-1-ND	INDUCTOR SHIELD 15uH	TSSOP	smt
10	3	Q1,Q2,Q4	Zetex Inc.	FMMT495TA	FMMT495CT-ND	TRANSISTOR HP NPN 150V@1A SOT-23	SOT-23	smt
11	1	Q3	Zetex Inc.	FCX593TA	FCX593CT-ND	TRANSISTOR PNP -100V@-1A SOT-89	SOT-89	smt
12	4	C1,C2,C5,C6	Yageo	CC1206JRNPO9BN220	311-1154-1-ND	CAP.CERAMIC 22pF@50V NP0 1206	1206	smt
13	2	C7,C10	AVX Corporation	12065A330JAT2A	478-1474-1-ND	CAP. 33pF@50V 1206	1005	smt
14	3	C8,C14,C15	Panasonic	EEV-HA1H2R2R	PCE3019CT-ND	CAP. ELECTR. 2.2uF@50V	3212	DNS
15	2	R1,R13	Panasonic	ERJ-8GEYJ106V	P10MECT-ND	RES. 10M 1/4W 5% 1206 SMD	1206	smt
16	5	R2,R3,R5,R6,R7	Panasonic	ERJ-8GEYJ103V	P10KECT-ND	RES. 10K 1/4W 5% 1206 SMD	1206	smt
17	1	CON1	AMP/Tyco	745783-4	A2102-ND	D-SUB CONN 25 PINS FEMALE	header	thru-hole
18	1	CON2	AMP/Tyco	590042-7	CLP-104-02-L-D	1.27mm PITCH X 2.286mm HEIGHT 8 PINS	header	thru-hole



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BOARD SUMMARY FOR QUOTE

Total # of unique parts	16
SMT placements per board	25
Thru-hole placements per board	2
Fine pitch placements per board	3
BGA placements per board	0
0402	0
0201	0
01005	2