



TOP LAYER



A1 Corner

Manuf. Number (MPN)	ITEM	Designator (REF DES)	DESCRIPTION (DESC)	QTY/BD	Manufacturer (MFG)	Vendor	Vendor Number	
ERJ-2GEJ105X	1	R3	RES 1M OHM 1/10W 5% 0402	1	panasonic	Digi Key	P1.0MJCT-ND	
TLCK106M004QTA	2	C1, C8	CAP TANT 10UF 4V 20% 0402	2	avx corporation	Digi Key	478-5245-1-ND	
CL05C120JB5NNNC	3	C4,C5	CAP CER 12PF 50V 5% NP0 0402	2	Samsung Electro-Mechanics	Digi Key	1276-1178-1-ND	
ERJ-2GEJ473X	4	R1	RES 47K OHM 1/10W 5% 0402	1	panasonic	Digi Key	P47KJCT-ND	
CL05A104KQ5NNNC	5	C2,C6,C7,C9	CAP CER 0.1UF 6.3V 10% X5R 0402	4	Samsung Electro-Mechanics	Digi Key	1276-1442-1-ND	
JMK105BJ474KV-F	6	C3	CAP CER 0.47UF 6.3V 10% X5R 0402	1	taiho yuden	Digi Key	587-1230-1-ND	
ABS07-32.768KHZ-1-T	7	U2	CRYSTAL 32.768KHZ 12.5PF	1	Abracon Corporation	Digi Key	535-9808-1-ND	
MSP430F5528YFFR	8	U1	IC MCU 16BIT 128KB FLASH 64DSBGA	1	Texas Instruments	SAMPLE FROM TI		
55909-9872	9	U3	10P SMT VERT PLUG DUAL ROW	1	Molex	Mouser	538-55909-9872	
55909-0374	10	U4	30 Ckt Plug J-leads & solder tab	1	Molex	Mouser	538-55909-0374	