



Comment	Designator	Quantity	Value	Capacitance
GRM188R71A225KE15D	C1, C16, C17	3		2.2uF
GRM155R61A474KE15D	C2	1	0.47uF	0.47uF
10TPB33M	C3	1		33uF
GRM155R71H104KE14D	C4, C5, C7, C8, C9, C10, C11, C12, C13, C14, C15, C32, C33, C58, C59	15		100nF
GRM155R71H103KA88D	C6, C20, C21, C22, C23, C24, C25, C26, C27, C28, C29, C30, C31, C34, C35, C36, C37, C38, C39, C40, C41, C42, C43, C44, C45, C46, C47, C48, C49, C50, C51, C52, C53, C54, C55, C56, C57, C60, C61, C62, C63, C64, C65, C66, C67, C68, C69, C70, C71	49		10nF
GRM1555C1H100FA01D	C18, C19	2		10pF
ER-TFT0.96-4	DP1, DP2, DP3, DP4, DP5, DP6, DP7, DP8, DP9, DP10, DP11, DP12, DP13, DP14, DP15, DP16	16		
PEC12R-3220F-S0024	ENC1, ENC2, ENC3, ENC4, ENC5, ENC6, ENC7, ENC8, ENC9, ENC10, ENC11, ENC12, ENC13, ENC14, ENC15, ENC16	16		
GSB1C411101DS1HR	J1	1		
2328702-8	J2, J3, J4, J5, J6, J7, J8, J9, J10, J11, J12, J13, J14, J15, J16, J17	16		
61300511121	P1	1		
CRCW040210K0FKEDHP	R1, R5, R6, R8, R10, R12, R13, R14, R15, R16, R17, R18, R19, R20, R21, R22, R23, R24, R25, R26, R27, R28, R29, R30, R31, R32, R33, R34, R35, R36, R37, R38, R39, R40, R41, R42, R43, R44, R45, R46, R47, R48, R49, R50, R53, R54, R55, R56, R57, R58, R59, R60, R61, R62, R63, R64, R69, R70, R71, R72, R73, R74, R75, R76, R77, R78, R79, R80, R81, R82, R83, R84, R85, R86, R87, R88, R89, R90, R91, R92, R93, R94, R97, R98, R99, R100, R101, R102, R103, R104, R107, R108, R109, R110, R111, R112, R113, R114, R115, R116, R117, R118, R119, R120, R121, R122	106	10k	
ERJ-2RKF3300X	R2, R7, R9, R11	4	330	
CRCW04025K10FHEDP	R3, R4	2	5.1k	
ERJ-2RKF1001X	R51, R52, R95, R96	4	1k	
ERJ-2GEJ222X	R65, R66, R105, R106	4	2.2k	
ERJ-2RKF4701X	R67, R68, R123, R124	4	4.7k	
TS18-5-15-SL-160-SMT-TR	SW1	1		
TP	TP1, TP2	2		
LM3940IMP-3.3/NOPB	U1	1		
STM32F446VET6	U2	1		
BC807-40,215	VT1, VT2, VT3, VT4	4		
ECS-160-10-37-JTN-TR3	X1	1		