



Comment	Description	Designator	Footprint	LibRef	Quantity
Cap_1	Nonpolarized Capacitor (Surface Mount)	C1	0805(2012)-C-IPC	Cap_1	1
20pF	Nonpolarized Capacitor (Surface Mount)	C2, C3	0805(2012)-C-IPC	Cap1	2
Cap1	Nonpolarized Capacitor (Surface Mount)	C4, C5, C6, C7, C8, C9, C10, C11, C12, C13, C14, C15, C16, C17, C18, C19, C20, C23	0805(2012)-C-IPC	Cap1	18
TO_CTRL		P1	DIP 5x2-2.54mm	Header 5x2	1
Header 4		P2	SIP 4-2.54mm	Header 4	1
MOSFET_N		Q1	SOT23-3-IPC	MOSFET_N	1
Res_1	Resistor	R1, R2, R4	0805(2012)-R-IPC	Res_1	3
Res1	Resistor	R3, R5, R6, R7, R8	0805(2012)-R-IPC	Res1	5
10K	Resistor	R9, R10, R11	0805(2012)-R-IPC	Res_1	3
0	Resistor	R12	0805(2012)-R-IPC	Res_1	1
TFT-37PIN	TFT with 37 pin ILI932x controller	U1	TFT_37PIN_2.8INCH_1	TFT-37PIN	1
STM32F103Rx	Medium/High-density performance line ARM?-based 32-bit MCU with 256 to 512KB Flash, USB, CAN, 11 timers, 3 ADCs, 13 communication interfaces	U2	QFP-64-10x10-IPC	STM32F103Rx	1
AMS1117-3.3	800mA Low-Dropout Linear Regulator	U3	SOT223-4-IPC	AMS1117	1
25Q64/FRAM	SPI Bus Serial Flash	U4	SOP-8-5.28x5.28-IPC	25Qxx	1
8MHz/DNP	Passive Crystal, SMD	Y1	XTAL-5032	Crystal	1