

BOM

Qty	Value	Device
4		2,54/1,1
1		PINHD-1X2
1		PINHD-1X3
1		PINHD-2X12
1		TC2030-MCP
2		10 R-EU_R0603
1		100 R-EU_R0603
1	100k	R-EU_R0603
14	100n	C-EUC0603K
7	10k	R-EU_R0603
2	10p	C-EUC0603K
5	10u	C-EUC1206K
5	10u/16V	C-EUC1206K
5	10u/25V	C-EUC1206K
2	12p	C-EUC0603K
4	1M	R-EU_R0603
1	1k 0.01% 2ppm	R-EU_M0805
1	1k5	R-EU_R0603
2	1u	C-EUC0603K
2		22 R-EU_R0603
2		27 R-EU_R1206
1	39k	R-EU_R0603
1		4148 DIODE-SOD123
4	470n	C-EUC0603K
1	470p/3kV	C-EUC1812
1	4u7	C-EUC0603K
1	AD5941	AD5941
4	BAS116	DIODE-SOD123
1	BSS123	BSS123
1	CEM-1203(42)	F/QMBIII
2	FA-128	FA-128
3	Ferrite	INDUCTOR0603
1	MINI-USB_SHIELD4P-85-32004-00X	MINI-USB_SHIELD4P-85-32004-00X
1	OPA237N	OPA237N
1	SAINSMART_TFT_3.2V	SAINSMART_TFT_3.2V
1	SI8651EB-B-IU	SI8651EB-B-IU
3	SRN5020TA-100M	SRN5040
1	STM32F303VCT	STM32F303VCT
1	TBA-1 0512	TME0505S
2	VREG-TS1117CW-3V3	VREG-TS1117CW-3V3

BOM

Package
2,54/1,1
1X02
1X03
2X12
TC2030-MCP
R0603
R0603
R0603
C0603K
R0603
C0603K
C1206K
C1206K
C1206K
C0603K
R0603
M0805
R0603
C0603K
R0603
R1206
R0603
SOD123
C0603K
C1812
C0603K
QFN50P700X700X80-49T510N
SOD123
SOT23
F/QMBIII
FA-128
R0603
85-32004-00X
SOT23-5
SAINSMART_ANGLED
SOP63P600X175-16N
SRN5040
LQFP100
TME
SOT223

BOM

Parts	Mouser Link
I+, I-, U+, U-	DNP
JP1	available
UART	available
JP2	available
J1	DNP
R3, R18	available
R17	available
R4	available
C11, C18, C21, C22, C23, C24, C25, C27, C28, C34, C38, C39, C51, C52	available
R7, R8, R10, R11, R14, R16, R29	available
C13, C16	CC0603JRNPO9BN100
C42, C43, C44, C49, C50	TMK316BJ106ML-T
C3, C4, C17, C32, C33	TMK316BJ106ML-T
C7, C8, C19, C20, C26	TMK316BJ106ML-T
C14, C15	available
R1, R2, R12, R13	available
R9	RG2012L-102-L-T05
R5	available
C12, C29	available
R21, R22	available
R6, R30	available
R15	available
D5	MMSD4148T3G
C1, C6, C9, C10	CC0603ZRY5V7BB474
C2	885352211001
C5	EMK107ABJ475MA-T
IC1	AD5941BCPZ-RL7
D1, D2, D3, D4	BAS116GWJ
Q2	available
SG1	CEM-1201(42)
Q1, Q3	FA-128 32.0000MF10Z-AJ5
L3, L5, L9	available
X1	SS-52300-001
IC7	OPA237NA/3K
DISPLAY	available
IC3	SI8651EB-B-IU
L1, L2, L4	SRN5020TA-150M
IC6	STM32F303VET6
V1	TBA 1-0512
IC2, IC9	TS1117BCW33 RPG

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FA-128 16.0000MF10Z-AC0