Notes 3/3/20 Routines Flow MAP 0000 RESET Vector 02 0410 Jump to Start Later Called L 0006 401 -> WART 1x 074C 1x 0 406 -> UMAT DODE 1x 07AF 479 -> UART 0016 9x 9x DOIE #IF -> UART 6x 6x WART ISR Jump (OCOF) 0023 0026 Trif PCA = 00 0 OBOF Timer 2 9/4 ISR Jump (OC12) 002B 1 Init Oscillation = C7 0315 002E 0. DISABLE GLOBAL THE 1E.7 . 9 0036 0818 0 003E (5C) - R7 0 1 x 0046 6x 12 61 -> WART Pusy R7 - 61 004E 6x 6X Push R7 -> 68 0056 6x READ RIAZ Pointers 008E 4x READ OPTR 4 BIRZ DISETS 16 4x 0017 WRITE A to FLASH RAM XRAM 17 0004 4 X 18 00E6 READ A.B 06 K

7.0	0/30 9 16-bit Math 4 LOR 2x 0842	ny 0702
21	0141 WRITE/SAVE RI, RZ.R3 4 DATE OFFICES HEZ	:0376
22	0190 PROGRAM EXEUTION, Jump - DAR	:0456
23	0131	:0749
24	025C	:07A6
25	02 F3 2	+ _x
26	0389 READ Gestale table 4 (1F) offset, seps R7=2,003 2	vid 0234
21	041C RESET VECTOR	: 000
28	0428 - GENERIC DETRE READER to JULY MEM A	In Reg it
29	0463 Stant Jan Nem	, 0
30	0448 16 hit Math cale dptr -> OFOF RGR	
31	0532 RFAD @ 4 0074 85 Bootload R7-68 0	0.0
32	0587 Popular 26 27, 13-16 ?	2× 02
33	061E Bromet of R7 Eval/Reply vontine	07

Cal 2 x CO6 34 0679 Read 7 R1 #16 R200 offset Write A, B Red A, B IDFF? 0602 Real Seriel Port Register Shufflery :0 Brack for R7= 421 from 1/AOD # IBFO, E.E Check R7 and send a menage + UMRT 2x & Losd into X09, them suit trust values to get branking? Mark Regester, Store Send, Ret. 7 R7= 1,203 4x 34 0785 39 080 A 3th Tungo Tonget [MASN] K Flash lock & key 084D 00 OBES state code to be read 41 087B 02 08C8 lood Rejute 21-28 2x 08 EZ " " 24 -27; 15-7 08 EF - 08; F6 1 BA, 28, 40 [08F6] WART The 2 0/1 32-bit ups. OL [0924] < 24 0 MART related? W/o fines? 0952 24 0 091E Write data to X in Flack of the

47	0947	4th J. J [MAIN]	Non
	OPCF		
48	09CF 09F7	Push gp clan 32 hot lande py y 7x Read I sud WART - X60 SEND HONEY	
		Road / Sund WART - X60 SEND HOW W	447
49	OAIA	1st Juy Tay & [Mris]	Nos
50	OA3C	MAIN 44 Final Start Init Hwave Cell	OB
		SIMP & PPTR	
		SIMP 10 TOP	
51	0A58	2nd Tup Trayel [MAIN]	None
52	0479	Sciand Jut Timer Setup	0800
53	DA95	3rd Supeall of First Tent This Ports]	031
54	OAAE	Send Calc. DPTR Hi:Lo out the UMRT 2x	OBS
55	0464	Read UNRT	090
56	0107	MACN Jump Table	
Shiphan		ref. Aph OBED states	
51	OAEG	Pard R7 -> UART X67 is TXFlag 6x	
58	OAFB	START HWARE INIT (4 LLAUS)	040
59	OBOC	First Frans INIT LEAGE	OAF
60			036
61	OBZA	(. ND R3=0, 24-27 2000 BF6, CLAA	0813
62	0838	F. ETH Jup Tough MAIN	Non
58 59 60	OBOC OBIB OBZA	STORT HWARE INIT (4 LLOWS) FIRST FRANT TWIS LANCE LOAD RI-3, DPTR? Recoldato	046 036 036 0813 0941

63.	0845 Satur Vor Mon ENMALE Mesel Source	01
64	0852 ? ZX	0
65	085F 5/art Juil Men data table	04
66	0 B6C	OB
67	0874	05
68.	DB78 DPTR RERT read -> R7 8x	
И	0884 Cale DPIR Hilo = UART	0
	1BFD. V2. OCOO	
70	268F Coad R3-R7	0.
	R3=R4=0 R5=01 R6=DC R190	
71	01:9A POP 32. bit T/c for 50-60 togp, LJmp 130	06
72	0895 Tait Setup WART	U
73	188\$ Sent data 1400= 3 - UART	07
74	OBBA Send Sec. Loop or REST VETA > WART	0.7
75	0BC4 Clear 37-hil 50-60 2x	01
76	OBCE 6th Jung Turget [MAIN]	N
	421 -> R7 to	077
77	OBP7 Clean ScON. 4.1.0	07
78	OBDE DISTOLY Flank Writeferove, Allew Vor Real	09
79	OBES State Code data toble	03
	012345 FF	08.

20	0000	LTung OD2D [Hord of Second. Loop?]	0771
81	0003	Setup PCA	126
82	OCOF	UART ISR VELTODB9	002
83	0012	TIMERZ OF ISR LITION	002
84	0015	CRC-8 Look-Up Table	101
85	0015	Secondary Loop Jump Table data	\$10 E3
		102A 1154 1175 1279	
		Secondary Loop Jump Table data 102A 1154 1175 1279 "OFZ7 1088 11EB 105E	
86	OD2D	Secondary Reset Clear Ram 4 15 End Man 74	OCI
- 37	0039	Juys to Start Int Hwore	007.
88	OD3C	Generic det Read to Int Mem Kouten	000
89	0074	Secondary Juit Men (from det 1245 hable)	ODE
90	00B9	UART ISR	OCL
			OFD.
91	OE2C	READ. Duphiate of 008E 3x	
92	0E59	WRITE	OF
13	0E68	16-bit Make u g 0130 2x	1239
94	DETC	Transfer Program Jung @ DP 16	110
95	OE8Z	SPI & WART Schirty?	128
96	OED7	? 45	r

OF27 2nd Juny Target [SECONDERY] 100p 0F72 SPI WRITE READ 100 Read Data, send out SPI. OFB6 101 3x READ OCIS TABLE CALL FROM 64 JT/SEL] OFFI 102 12 JT of SEC 103 102A 1 84-17 SECT read do to sendons SPI 104 105E 4BJT [SEC] 105 1088 1 SELONDARY ND is state 10E3 106 1. Timer 2 9/F SERVICE ROUTINE 110A 01 107 SETUP TIMERS 1131 108 3 JT [SEC] 109 1154 N 3th JT [SEE] 110 1175 SPI send Zen byte, get reply 1196 111 3x [SEC] Start INHHWARE 112 1135 C SETUP PORTS & CROSSBAR 113 1102 1 64 JT SECT 114 /1EB 1

115	1203	SETUP LART ZX	IIBL
			121E
116	1214	SETUP SPI	110
117	1230	?	OE
118	1245	[SEC] INITHEN DATATABLE 23-28 42 29-2E	00
119	1259	ISEC] INIT HWARE LEARLS	112
		3 LCML + LJMP. Ret	
120	1269	R7 -> UART	OE
121	1279	7- IT [SEC] FLAG (1D) Read byterin Flack - SPI, - WART	No
122	1288	Schop Vro MON	12:
/23	1295	Clear 23-26 32-6its 2x	OE OE
124	129F	SYART OF ChipSelect CS Hillo 6x	
(25	12A9	SETUP Global Interryt Ennile = #130	1/0
126	12AD	Stoup Oscillation	/2
(27	1281	Schap Timer 2 Mode C9 = 440	No
128	12135	Clear Ram 29	10
129	1239	R7 -> KAM 27 2X	
130	12BC	R1 > PAM 2D 2X	
	12BF	R7 -> RAM 2C ZX	
		al Come	