Interrupt? What is the Interrupt? CPU Jose Levent it cables in programment of execution Jan J. Programment Exception Exception Live to the torse of interpretation of inter

Which is the types of interpret that course billion of a Synchronus event

2 Asynchronus event & Interrupt de plant of a sure of a External & Interrupt de proceso of a synchronus event & Interrupt de p

what is the difference between External and Internal Exceptions?

LaMC 09 a and come Josepheral come Timer who will only feripheral come feripheral come of the MC on what is a last a External Mc Mc of the Josepheral compt of Switch Interrupt

why we Called Asynchronus Event to Interrupt?

Program we regardom Jan Jean Jer will.

Sel is interrupt chin

.

	Synchronus
	What is the Exceptions?
	ogs Control Us sil Synchronus event Loterception
	Programm Cichill Cpu
	5 Synchronus Jul
	The office of the state of the
	- Exceptions Used Illigal Inst
	Fault Traps Aborts Elsil
	Synchranus
	Exception.
	what is the types of External Interrup!
	what is the types of External Interrupt? - External Interrupt pins - Interrupt on change - etc
	- etc
_` -	> Falling of Raising of Jose Interruptions
ب	
η	ر دی بندمل عن ای تعینے نے کاند کام

TSR | Main | Main

SAport, Trup, Fault کی نفوق بین دازل البیرمل Cpu کی Register ن Exception یروح یکتب فید البیرمل Instruction Address و بناء علی الفیم الحجاد APort, Trap, Fault نال ازا کان Register می الحید

what is the Trap?

aiddress is you I Trap is all lest Inst

 What is the Software Interrupt?

عديد الازم رحمل المحالية عنان يسامها الما المستديدة عنان يسامها الما المستديدة عنان يسامها الما المستديدة عنان يسامها الما المستديدة ال

destil en Internet il Friggerdestil èversión es as

What is the ISR/ESR?

Exception --- EBR (Interrupt service = ISR

البتنفذذ وت المحالا (Functions) Routhers بالله المحالا ووت وت حالا المحالا وولا المحالا وولا المحالات المحالات والمحالات المحالات والمحالات والمحالات والمحالات المحالات المح

where the address of ISP Soved In momory?
ISPALL'S start add by Limit is Function as cinclin circles in a start add by and start add by Section Internst vector

tople

Give me a Generall illustration and Explination Hardware actions For Interrupt & andling accur? - Handling Interrupt reguest C> 1-Suspend movin Exection 2- Some Opu State (some Hardware actions Register values in Stock Section) 3-execute the ISR 4 - Restore Cpu Stur 5- Resume main thrend What is the Enterrupt musking? difference between Interrupt maskable and non maskable? Jaskapke ald Jel Maskapke Enable U bis us bit is in peripherals & is Interrupt Interrupt- Frable Sit Execute Interrupt Interrupt frey Non-Maskable Intercupt slif-bir-Frecute Interrup ail (15 iei toprivatur abodel. ex: Reset (6

What is the Interrupt Controller with Sketch? Care Controller Crate Execute ISP Jefect Jesul Interupt deact Zero Enorble dele Cisol بعا الفذ ISR. What is the Interrupt Pending? Interrupt detect Piorioty Interrupt of Pillamo يفنه هولازم المحالم Interrupt Enable IN Jenoig e ver Tul ينطد الأفل what is the difference between Polling and interrupt? their citize artes and with the colors will Main cost of condition of condi Interrupt . Polling adv more efficient مفیست وقت مهل نے معمل to execut the event ISR Jewa - CPU UJ عانمص يحتاج وقت هيستغل الوقت ئي حام Main is election و يروح ينور حامه عانك , main Pracess Og_ C & U (High Rate)

(7)

للبط ألطأ شميه في تنفيذ disculv It take useless ISR عمان ها بتعل خطوات time while no على إنها تحفظ PN ع Pending Request Interrupt haller 9 ji 9 (sex) wenting what is the Interrupt Piorioty! Piorioty Execute ISR Interrupt Come Coli Cissoli Tuterrupts Come Colin Cissoli محلی بینفذ وی نفسه و تک الحال عایر بیدنفذ میه del cus de i sins two interrapts few too cens (ichoty (icheus) Res lisis What happen if the proving interrupt happened while executing alow piriority interrupt? Low Piority داوتنی زی ماهو وافتی نی الرسمی ان دیما CP4 CP4 of heid of ged for the selection Pon bious (Interrupt Nesting) R

What is the Interrupt Vector table (IVT)?

Listing Interrupt by vector organization of Flash

· memory address = vector = l = ise_ Start address (X1111) ISR (INTO-VOCT) { for ISR address INT OX0004 (ON 1111 INTO 0/100/ DX 2222 وهو مرام می استرا می Lowest Piores Coliver del address US bolt

Explain NVIC (at Cortex H4) ?

